

David Egan Evans <sinuhe@xmission.com>

Summary: Two decades of professional experience with cross-platform programming, web development, text processing, technical writing and editing, and systems administration.

Skill Highlights:

- Red Hat Enterprise Linux (RHEL/CentOS/Oracle Linux 6-7), Fedora, openSUSE, SUSE Linux Enterprise (SLES/SLED 11-12), Slackware, Debian, Ubuntu (1404/1604), Core GNU/Linux, Windows Server 2008/2012 R2.
- PCI, HIPAA compliance
- AutoFS, AutoYaST, Apache, AppArmor, BIND 9, Bogofilter, Btrfs, Cacti, Carbon (carbon-cache, carbon-relay), CUPS, Cyrus IMAP, Dell PowerEdge/FX hardware, Docker, Dovecot, Dracut, Dtrace, extended file system (ext3, ext4), ACL, Fetchmail, FirewallD, Graphite, gridengine (SGE), GnuPG/gpg (PGP), IPTables/Netfilter, ISC DHCP, journald, Kickstart, Logwatch, Logrotate, LILO, LUKS, LVM, LXC, GNU Mailman, GRUB, GRUB2, mdadm/RAID, multipathd, NetApp (7 Mode, CDOT 8/9), NetBackup 7/8 Appliance, NFS, NFSv4 (and ACLs), Nginx, NIS, NSS, OCFS2, OpeniSCSI, OpenLDAP, OpenShift, OpenSSH, Oracle Database, PackageKit, Linux PAM, Postfix, Preseed, Procmail, ProFTPD, PureFTPd, Request Tracker (RT), Rsyslog, Salt Stack, Samba, SELinux, Sendmail, SpaceWalk, SpamAssassin, sqlite, Squid, SquirrelMail, SSSD, Sysklogd, Syslog-NG, systemd, Sysstat, TCP Wrappers/libwrap, udev, Upstart, vsftpd, Xen, libvirt, kvm/qemu, XFS, Xinetd, tgt/iSCSI, Splunk, Tomcat, vCenter/VMware ESXi Cluster (5.5/6.0/6.5).
- XML/HTML, TeX/Texinfo, Troff, Regular expressions, POSIX utilities, Ksh, Bash, sed
- RCS/CVS, Subversion (svn), Arch, bzr/baz/bzr2, Mercurial (hg), and git versioning systems
- RPM (RHEL/SLES) package building, Yum/Dnf, Zypper; Slackware and CorePKG package building
- Languages/REST: Awk, Bash/KSH/CSH/Posix shells, Modula-2, Oberon, PHP, Pascal, Perl, Python.
- Language awareness: Fortran, Java, ECMA/Javascript, Go (golang.org), R, Ruby
- 66/110 block phone wiring and cabling
- 65 words per minute typing/110 10-key (Utah Work Force Services)
- Awareness of (administration/programming) Alpine Linux, OpenBSD, OS X/macOS
- Awareness of amavisd-new, Ansible, Chef, Courier IMAP, Foreman, Grafana, Hadoop, Jenkins, Jetty, Jira, Katello, Kubernetes, LIO/iSCSI, Maven, MS SQL, Nagios, OpenStack, Pacemaker, Pulp, Puppet, Red Hat Satellite Server, Sonar, Sybase, Yule/Beltane, JBoss
- Awareness of dpkg package building
- Beginner's familiarity with German and Welsh languages.
- Current hobbies interests include Plan 9/9front, Project Oberon, Blackbox Component Builder; the Oberon-07 language; Knuth's TeX text processing system; and development boards (e.g. Atmel, PIC, Raspberry Pi, FPGA).
- Interest in web design criteria, layout, accessibility, and human interest interaction in both web and program interface design. What makes a program easy to use, interesting, and useful to navigate? Accessibility is a big problem domain, especially in terms of the blind and hearing impaired.

Current Employment: Myriad Genetics

Systems Administrator and Programmer (May 2016-present)

SaltStack programmer, responsible for over 400 hundred Linux servers, some Windows servers (storage apps), and virtual machines (which myself and a coworker designed from scratch); VMware ESXi server administrator; Netapp (Ontap 7/CDOT 8/9) and Hitachi NAS (3090/4080,G600, Brocade DCX) storage administrator; Hitachi VSP G1500 storage administrator; NetBackup (7/8) appliances administrator; RT administrator and web programmer; Apache, and Tomcat administrator; MySQL/MariaDB administrator.

Previous Employer: iTransact, Inc.

Linux Systems Administrator and Programmer (December 2015-May 2016)

Primary SaltStack engineer. PCI compliance manager; responsible for over 60 Linux servers, KVM and Qemu virtual machines, and OS X servers; help desk manager for OS X and Google Chrome, desktop and laptop support; programmer.

Previous Employer: Guru Labs L.C.

Programmer, technical writer/editor (July 2007-December 2015)

Official Oracle, HP, LearnQuest, and Guru Labs courseware author. Red Hat Examiner. Was the editor of the Guru Labs courseware, a significant contributor as technical writer; programmer responsible for the courseware build system (Ruby, Python, T_EX, Context, XML), and lab system configuration and tools (Perl, RPM, RHEL/SLES/Ubuntu, shell, C).

Current Non-Profit Volunteer Work

- Maintainer of CoreDistro-NG, CorePKG, FlacCDA, m2c, and contributor to other projects.
- Verger and Acolyte Master, Cathedral Church of St. Mark's, Utah

Certifications and Training:

- Salt Lake Community College
- 4 year EfM certificate from Sewanee.
- A+ (A26DTT2400) and Linux+ (WHZC0SHBHDQEYY98)
- Red Hat Certified Engineer/RHCE (110-015-328), RHCI, RHCX (20070809-20100421)
- Novell Certified Linux Administrator (CLA-LPIne5j456925, 02/11/2011)
- Novell Data Center Technical Specialist (CLA-LPIne5j456925, 02/11/2011)
- LPIC 1 (LPI000226768/ne5j456925); In Progress: LPIC 2 (LPI201 is passed)