

This custom drawing feature now works in Mozilla, in Opera 7.0 or better, and in IE 5.0 or better. Use click, shift-click, control-click, and the "set" and "clear" buttons to select the desired subset of OSs. Then select "Draw table" to redraw the window with your custom table.

A Sysadmin's Universal Translator (ROSETTA STONE) OR: What do they call that in this world?

Contributions and corrections gratefully [accepted](#). Please help us fill in the blanks. New "links" are welcome, too! PDF version (for best results print US legal size, landscape orientation. If your browser plug-in has trouble with the PDF, then download it and load it in stand-alone [pview](#)).

[Home](#) [Version](#)

OS versions in parentheses; e.g. *10x* means version 10 and greater; *9* means version 9 and previous. Systems can be unspecified, commands are in one of the following directories: *user/bin*, *user/sbin*, *bin*, *bin*. Files referenced may be either commands, configuration files, or directly-referenced text files. Use the *man* command to read the man pages for details such as command options.

Categories:

hardware, firmware, devices				disks				kernel, boot, swap				files, volumes						
networking				security, backup				security, patching, tracing, logging				references						
TASK / OS	AIX	DG/UX	FreeBSD	HP-UX	IRIX	Linux	Mac OS X	NCR Unix	NetBSD	OpenBSD	Reliant	SCO UnixWare	Solaris	SunOS 4	Tru64	Ultrix	UNICOS	OS / TASK
OS notes	By IBM, with input from System V, BSD, etc. etc. Runs mainly on IBM RS/6000 and related hardware.	Data General was acquired by EMC in 1999.	Derived from 4.3BSD-Lite and 386BSD. This table does not include external packages from <i>user/ports</i> .	Hewlett-Packard.	SGL SVR4-based	(<i>rh</i>) = Red Hat, Mandrake, SuSe... (<i>deb</i>) = Debian, Libranet... (<i>mand</i>) = Mandrake (<i>suse</i>) = SUSE	Darwin is the Open Source foundation for Mac OS X, descended from NEXTStep	aka MP-RAS	Derived from 4.3BSD-Lite and 386BSD. This table does not include external packages from <i>user/pkg</i> .	Forked from NetBSD in 1995. Security emphasis. This table does not include external packages from <i>user/ports</i> .	P Fujitsu Siemens. Based on DC/OSX from Pyramid, SINIX from Siemens, and SVR4. To be replaced with Solaris by 2008.	SCO UnixWare 7.0.1& SCO UnixWare 7.1.1 became Caldera Open Unix and later became SCO again. SVR4-based.	Solaris 2.0-2.6, 7, 8, 9 (SunOS 5.*) SVR4-based	Solaris 1.* BSD-based	(Digital Unix, OS/1) (4)= 4.0F/G (5)= 5.0A	An early DEC Unix, superseded by Digital Unix (now Tru64).	UNICOS formed from the March 2000 merger of Tera Computer Company and Cray Research	OS notes
administrative GUI	smitt smitty wsm	sysadm	stand/systeminstall pw adduser rmmser vipw dtpass	sam		(<i>rh</i> , <i>FC2+</i> , <i>RHEL4+</i>) system-config* (<i>rh</i>) redhat-config* linuxconf (obsolete) (<i>SUSE</i>) sys2 (<i>deb</i>) fdisk-reconfigure (<i>mand</i>) drakconf	Aqua: System Preferences, NetInfo Manager	sysadm	sushi	sysadm WebSysAdmin	scosadmin	solstice admininst smc (8 0101+)	?	checklist (/5) system	?	checklist etc/install xmenu	administrative GUI	
managing users	luser mkuser chuser rmmser wack	adduser useradd userdel	adduser rmmser pw vipw	useradd userdel usermod	useradd userdel passwdmtr user/Cadmin/bin/cpeople	useradd userdel passwd chage	Aqua: System Preferences / Accounts nutil	useradd userdel usermod system	useradd userdel userinfo usermod user	useradd userdel adduser (interactive) usermod	sysadm useradd userdel	scosadmin useradd userdel	useradd adduser usermod user/Cadmin/bin/suser (9+) gpasswd	<i>edit etc/passwd and create home directory</i>	useradd adduser removeuser	adduser removeuser	admin udgen adminscript nu scripts	managing users
list hardware configuration	prtconf lscfg lsattr ldev	dg_sysreport -g hardware	dmesg cat /var/run/dmesg.boot pciconf -l reptom (SPARC only)	ioscan dmesg (if you're lucky) adb model stn (from the SupportPlus CDR0M) bdi (like most vendors' d) getconf machinfo (11.23+) print_manifest	hw	dmesg (if you're lucky) ipmc lhw dmidecode lscsi lsmp lsusb lsmod (SUSE) hwinfo sys/devices/*	hostinfo ioscg lshw system_profiler	prtconf devstat machtype more: etc:com	dmesg cat /var/run/dmesg.boot cat /kern/mshufb	dmesg cat /var/run/dmesg.boot	autocconf -f showconf uname -p uname -M ipccnt -l	hw scosadmin/DCU /usr/lib/X11/hwtestools/ z355yinfo	dmesg (if you're lucky)	dmesg (if you're lucky)	dia -R full vmtat -P hwimg -get category (/5) hwimg -show devices prtinfo post_info sys_check user/bin/X11/dxsysinfo	machid getconf uname -a	list hardware configuration	
show/set EEPROM/NVRAM values	bootlist -o -m normal	dg_sysctl grep BOOTPATH	?	setboot sm	nvram printenv/setenv (at command monitor)	dev/nvram (if you have it) hwclock nvsetenv	nvram	eprom	openprom (on OpenFirmware architectures)	in bdm (at boot stop or ctrl-a)	?	eprom	eprom	(4.0d+) consvar	?	?	show/set EEPROM/NVRAM values	
add device without reboot	cfmggr -v	N/A	camcontrol ataproof kldload	ioscan -fnCdevtype; insf -Cdevtype	scsiha -pr iosconfif -f lhw scsiadminswat -b bus -p	udev (2.6+) modprobe kernelctl insmod hotplug cardctl	(automatic — autodiskmounter)	devmgmt mktable	scsictl atactl	?	reinitdev changeDev	mkdev	devtsadm_pre-Solaris 7 HW [1.99. mac: devconfif; devlink; /diskx; tapes, ports]	dev/MKDEV	(3.2*) scu scan edf (4.0) scu scan edf; disklabel -rw rXX label (for disks) (5.x) dsmgr -k; disklabel -rw dks auto hwimg -scan scsi	dev/MAKEDEV	add device without reboot	
tape device	dev/rmt0	dev/rmt0	dev/isa0	dev/rmt/0m	dev/tape dev/rtape	dev/isa0	?	dev/rmt/c+	dev/isa0	dev/isa0	dev/isa0/stape001 autocconf -f grep TAPE	dev/ret0	dev/rmt.0	dev/isa0	(/5.x) dev/tape/ dev/tape	dev/rmtXb where x=non-rewinding, X=a number, b=density	tpmt	tape device
stdin/stdout/stderr	?	?	dev/fd/012	?	dev/fd/012	dev/fd/012	dev/fd/012	?	dev/fd/012	?	?	?	dev/fd/012	?	?	?	?	stdin/stdout/stderr
X kvm config	?	?	x86confif	itemap	user/bin/X11/setxmon user/x86setmon	x86confif XFree86 -configure redhat-config-xfree86 etc/X11/dm	?	x86confif x86fcfg XFree86 -configure	X -configure	?	hwconfig	kdmconfif (x86) hwconfig; m64confif; (etc.)	?	?	?	?	X kvm config	
read a disk label	lspv -l	admpdisk -o list admdisk -o list	disklabel -r	diskinfo vdisplay	prtvtoc	fdisk -l	pdisk rawDev -dump Disk Utility	prtvtoc	disklabel -r disk miblabel fdisk	fdisk -r OR disklabel -r1	dkpart -l	fsname	prtvtoc	dkinfo	disklabel -r	chpt -q	?	read a disk label
whole disk in partition	N/A	?	c	?	10	dev/hda (e.g. if dev/hda1 is a partition)	(non-root partitions are mounted under /Volumes)	s0	c or d sysctl kern.rawpartition	c	dev/isa0/radisk77b7 (???=000-999)	dev/1a8 (#=0-1,...)	2	c	c	c	s7	whole disk in partition
label a disk	mkvg	admpdisk	fdisk disklabel -wr systeminstall	pvcreate	devfsd fx -x	efdisk fdisk e2label	(labels unused)	systemd fdisk edvtoc prtvtoc mkpart updatescsi labelit	disklabel -wr miblabel	disklabel -wr	dksetup	divvy	format prtvtoc (x86) fdisk	format	disklabel -rw	chpt -a	etc/labelit	label a disk
partition a disk	mklv	admpdisk	fdisk systeminstall	lvcreate sam	fx	parted (if you have it) fdisk pdisk (on a MAC) (deb) mac-fdisk (on a MAC) (mand) diskdrake	pdisk	fdisk	disklabel -i	fdisk -e OR disklabel -E	dkpart -e	divvy	format fmthard	format	disklabel -e	chpt -p	etc/install install	partition a disk
kernel	linux	dgux	kernel boot/kernel/kernel	hpux (9) stand/vmunix (10+)	linux	/boot/vmlinuz* boot/bootx (see etc/fd0.conf or /boot/grub/menu.lst)	/mach_kernel	linux stand/linux	netbsd	bsd	linux stand/linux	linux	kernel/gnumix platform/umame -m/ kernel/umix platform/umame -m/ kernel/igavc/umax (7+)	v/munix	v/munix	umicos	kernel	
show/set kernel parameters	vmo tso schedo	vi /var/Build/ system.bootname;; reboot	boot/kernel.conf boot/loader.conf sysctl etc/sysctl.conf	sam sysdef ktime (11+) ktime (11.23+) getconf	systeme	proc/* proc/sys/* etc/sysctl.conf	user/bin/sysctl	sysdef getconf etc/conf/cf.d/ quikname.cfg	sysctl etc/sysctl.conf	sysctl etc/sysctl.conf	idname cat /etc/opt/cf.d/stune cat /etc/opt/cf.d/ntune sysdef -i	/etc/conf/cf.d/configure -x sysdef	sysdef getconf cat /etc/system add adb -k	adb	user/kvm/sys/ arch -k/conf	dkxkernelner sysconfig	adb kdb	show/set kernel parameters
limit physical memory	?	?	?	?	?	mem= (in lilo.conf)	nvram bootargs="maxmem=MB"	?	?	?	?	?	?	?	?	?	?	limit physical memory
loaded kernel modules	genkex	?	?	?	?	kmdstat	kextstat	?	?	?	?	?	?	?	?	?	?	loaded kernel modules
load module	?	?	?	?	?	kldload	insmod	?	?	?	?	?	?	?	?	?	?	load module
unload module	?	?	?	?	?	kldunload	rmmod	?	?	?	?	?	?	?	?	?	?	unload module
make disk bootable	bootboot -a	dg_sysctl	boot/efg disklabel	mkboot	devfsd	parted (if you have it) fdisk -A (and lilo to manipulate mbr)	bles	dklayout	fdisk -i installboot	?	dksetup	?	installboot /user/platform/ umame -e lib/fd/usb/usbbootk raw_device_file	user/kvm/mdec installboot [kly] protobootk bootdevice	(4.x+) disklabel -rw -t [ufsd/dfs]	?	?	make disk bootable
startup scripts	etc/rc*	etc/rc*	etc/rc* (4) etc/rc.d* (5+) user/local/etc/rc.d*	etc/rc.config.d (preferred) sbin/rc* (10+) sbin/init.d	etc/rc*	etc/rc* (but may vary)	/System/Library/ StartupItems/*, /Library/StartupItems/ etc/rc*	etc/rc* etc/init.d	etc/rc*	etc/rc*	etc/rc*	etc/rc*	etc/rc*	etc/rc*	sbin/init.d, links in /sbin/rc.d	etc/rc*	?	startup scripts
shutdown (& power off if possible)	shutdown -fh	?	?	shutdown -y0	etc/shutdown -y g0 -0 -p	etc/shutdown -y g0 -0 -p	?	?	?	?	?	shutdown -d0	shutdown -y g0 -g5	?	?	?	?	shutdown (& power off if possible)

Rosetta Stone for Unix

TASK / OS	AIX	DG/UX	FreeBSD	HP-UX	IRIX	Linux	Mac OS X	NCR Unix	NetBSD	OpenBSD	Reliant	SCO UnixWare	Solaris	SunOS 4	Tru64	Ultron	UNICOS	OS / TASK	
encrypted passwords in	/etc/security/passwd	/etc/shadow	/etc/master.passwd	/etc/passwd (not Trusted) /secure/etc/passwd (Trusted 9) /etc/files/auth/ (10+) /etc/shadow (11.22+)	/etc/shadow	/etc/shadow (may vary)	NetInfo	/etc/shadow	/etc/master.passwd (etc/spwd.db)	/etc/master.passwd (etc/pwdb.db)	/etc/shadow	/etc/shadow	/etc/shadow	/etc/passwd	/chfiles/auth (only with Enhanced Security)	/etc/shadow	/etc/udb	encrypted passwords in	
allow/deny root logins	/etc/security/user	/etc/default/login	/etc/login.access; etc/vis	/etc/security	/etc/default/login	/etc/security	/etc/vis (doesn't affect ssh)	/etc/default/login	/etc/vis	/etc/vis	/etc/default/login	/dev/default/login	/etc/default/login	/dev/ttytab	/etc/security/s	/etc/security/s	udbrestrict -R	allow/deny root logins	
firewall config	?	?	ipfw ipf pf	/etc/opt/ipf/ipf.conf	/etc/ipf.conf	iptables ipchains ipfwadm (/r) redhat-config-security-level	Aqua / System Prefs / Sharing / Firewall ipfw	?	pfctl (3.0+) etc/pf.conf (3.0+)	pfctl etc/pf.conf	?	?	(9+) /usr/inet	?	?	?	?	firewall config	
TASK / OS	AIX	DG/UX	FreeBSD	HP-UX	IRIX	Linux	Mac OS X	NCR Unix	NetBSD	OpenBSD	Reliant	SCO UnixWare	Solaris	SunOS 4	Tru64	Ultron	UNICOS	OS / TASK	
show installed software	lslpp -L	pkginfo	pkg_info ls /var/db/pkg	rmfn, what (HP-UX 9) swlist (HP-UX 10+)	versions showfiles showprdeps	(/r) rpm -a -i (/r) rpm -qa (/r) rpm list installed (deb) dpkg-query (deb) aptitude (deb) dpkg -l	ls /Applications Apple System Profiler system_profiler System Profiler System Profiler Applications /Users/* /Applications	displaypkg pkginfo	pkg_info	pkg_info	pkginfo -i sysadm	swconfig (OpenServer 5) displaypkg pkginfo	pkginfo prodmg admininst /var/admin/install/contents	?	setid -i	?	?	show installed software	
add software	smitty install_all smitty installp	sysadm	/stand/systemall usr/portm make pkg_add portinstall (from /usr/portm)	swinstall	inst swmgr	(/r) rpm -kiv (/r) yum install pkg (deb) dpkg (deb) apt-get install pkg (deb) dpkg -i	installpkg drag-and-drop	pkgnadd pkgplasm	pkg_add (usr/pkgsrc && make)	pkg_add (usr/ports && make)	pkgadd sysadm	custom installpkg SCOAdmin (GUU)	pkgadd	?	setid -i	?	?	add software	
precompiled binaries of GPLware and freeware	www.ibm.com/services/six/products/aix/os/linux/download.html	http://www.singtel.com.sg/ser63-2/dbinaries/DGUXix86	http://freebsd.org/pub/FreeBSD/	linux.com.italy.edu	www.sgi.com/linux	www.linux.org	www.sgi.com/linux	www.ibm.com/linux	http://www.netbsd.org/pub/NetBSD/packages	http://ftp.openbsd.org/pub/FreeBSD/cvs/contrib/patches	www.caldien.com/	www.sunfreeware.com/	www.singtel.com.sg/ser63-2/dbinaries/DGUXix86	www.ibm.com/packag.htm	?	?	?	precompiled binaries of GPLware and freeware	
C compiler	/usr/bin/cc/bin/cc	/usr/sde/default/usr/bin/cc gcc	/usr/bin/cc (gcc)	opt/MP/bsw/bin/cc (5) bin/cc (9) usr/bin/cc (10+; not necessarily ANSI; kernel builder only)	opt/MP/SP/bsw/bin/cc usr/bin/cc	gcc	/usr/bin/cc (gcc)	/usr/bin/cc (gcc)	/usr/bin/cc (gcc)	/usr/bin/cc	/usr/bin/cc	/usr/bin/cc	/usr/bin/cc	opt/SUNWpro/ bin/cc ²	/usr/bin/cc	/usr/bin/cc	/usr/bin/cc	opt/cl/bin/cc	C compiler
show patch level and/or patches	insfix -fvq oslevel -r	what (dgux)	uname -a	swlist -l product grep PListoseString	versions -b grep patch (6.4) uname -R (6.5+)	(/r) rpm -q (/r) cat /proc/version (deb) dpkg -s	sw_vers Apple>About This Mac is.LibraryReceipts uname -a Ishom cat /System/Library/ CoreServices/ SystemVersion.plist	pkgninfo -i	cat /kernel.version uname -a etc/release	sysctl -a kern.version	uname -a pkgninfo grep EKS	swconfig -P	showrev -p prodmg-track-type patch setid -i grep patchname sizer -vB	showrev -p (if you're lucky)	?	?	?	show patch level and/or patches	
patch tool	installp smitty update_all	dg_systool -p patches	(cvsup or cvs to update, then rebuild)	update (9) swinstall (10+)	inst swmgr	apt-get update apt-get upgrade (/r) apt-get (/r) yum update (mud) urpmi	System Preferences / Software Update softwareupdate	pkgnadd pkgplasm	cvs patch	cvsCTM	pkgnadd sysadm	installpatch (2.5.1+) patchadd (2.6+) pkgnadd; pkgm /usr/admin/bin/patch (9+)	n/a	setid -i dupatch	?	?	?	patch tool	
configure/show runtime linking fertras-2000.com/ ArnaudRecipes/ sharedlib.html	dump -H ldd	?	ldd ldconfig ldstat	chattr ld (11+) kmdadmin	ldd ld ld_RLD_LIST	otool -L	ldd ldconfig	ldd ldconfig	ldd ldconfig	ldd ldconfig	ldd	ldd ldd modinfo LD_PRELOAD	ldd	odump -DI ldd	?	?	?	configure/show runtime linking fertras-2000.com/ ArnaudRecipes/ sharedlib.html	
link library path	SLIBPATH	SLIBPATH	SLD_LIBRARY_PATH (64-bit) SHLIB_PATH (32- or 64-bit)	SLD_LIBRARY_PATH (64-bit) SHLIB_PATH (32- or 64-bit)	SLD_LIBRARY_PATH SLD_LIBRARY_PATH	SLD_LIBRARY_PATH etc/ld.so.conf	\$DYLD_LIBRARY_PATH man dyld	SLD_LIBRARY_PATH	SLD_LIBRARY_PATH	?	SLD_LIBRARY_PATH	SLD_LIBRARY_PATH (? deprecated in favor of c/le)	SLD_LIBRARY_PATH	SLD_LIBRARY_PATH	SLD_LIBRARY_PATH	?	SLDPATH	link library path	
tracing utility	trace syscalls truss watch	?-dg_trace (?->4.20M106)	ktrace lmas	tracetrace (ferware) lmas (11+; ferware)	par prftab	strace ltrace	ktrace ktruss kdump truss	ktrace ptrace	truss scstat	truss scstat	truss scstat	truss scstat	trace	truss	?	?	?	tracing utility	
define user defaults	/etc/security/ mkuser.default etc/environment	admsusr -o set	/etc/login.conf	/etc/default etc/PATH etc/MANPATH etc/default*	/etc/default/login etc/profile	/etc/profile etc/security/ etc/skel	/usr/bin/defaults	/etc/default/login etc/security/ etc/profile etc/login.conf	/etc/profile etc/skel/* etc/login.conf	/etc/default/login etc/profile \$HOME/.profile	?	/etc/default/login etc/profile etc/security	/etc/profile	/etc/profile	/etc/profile	/etc/profile	adghen n scripts	define user defaults	
csb global login	?	?	/etc/csb.login	/etc/csbrc	/etc/csbrc	/etc/csbrc	/etc/csb.login	/etc/csb.login	/etc/csb.login	/etc/csb.login	?	/etc/csb.login	?	?	?	?	?	csb global login	
default syslog and messages	/var/adm/syslog /var/adm/messages	/var/adm/messages	/var/log/messages	/var/adm/syslog/syslog.log /var/adm/audit /var/spool/mqueue/syslog	/var/adm/SYSLG /var/adm/audit	/var/log/syslog /var/adm/messages /var/log/maillog	/var/adm/streams /var/adm/streams etc/osm	/var/log/messages	/var/log/messages	/var/log/messages	/var/adm/log/messages	/var/adm/syslog /var/adm/audit	/var/adm/messages /var/adm/syslog	/var/log/syslog (sendmail)	(4.++) /var/adm/messages (5+) /var/adm/audit (kern, auth, daemon, lpr, syslog, user) /var/adm/bin/errlog	/var/adm/messages /var/adm/audit	?	?	default syslog and messages
system error reporting tool	errpt	admsyslog -o report	dmesg send-pr	dmesg sysdiag (9 and early10) stm/csm/mstm/sstm (10.20+) EMS (from support CD)	system amsyslog avalmon eventmon imadmin/mt syserrpanel	dmesg (deb) reportbug	Console /var/log/crashlog.dmesg	odm errpt	dmesg cat /kernel/mgbuf	dmesg	sysadm log? WebSysAdmin	dmesg	ptdiag	(4.) ueef; dia (DEC) (5+) (System errors) EVM (evmag; evmbus) (Hardware errors) dia; ca (Compaq analyze)	ueef	?	?	system error reporting tool	
performance monitoring	http://ftp.software.ibm.com/aix/node/perfdocs/perfmtr-six-faq-part1-gramble.html	sar netstat iostat	iostat; nfdostat; systat; vmiostat; netstat; iostat; top; iostat	top; sar; vmiostat; iostat; nfdostat; netstat; iostat; Glance5)	ps; iostat; nfdostat; sar; overview; pr; overview; cstat; linkstat; netstat; nfdostat; nfvio; ndevio; nroverio; iostat; top	vmstat procinfo -D	vm; atat; nfdostat; fs_usage; sc_usage; top Activity Monitor (10.3+) Process Viewer (10.2+)	sar; pinfo *v; modstat; netstat; nfdostat; ppstat; mpstat; smppstat; iostat; top	iostat; nfdostat; systat; vmstat	iostat; pstat; systat; vmstat	vmstat; mpstat; dstat; sar; netstat; scstat	sar	top; iostat; kstat; mpstat; netstat; nfdostat; prstat; trapstat; vmstat; pstat	iostat; netstat; vmiostat (usr/opt/vs4/bin/sar)	iostat; nfdostat; vmiostat	iostat; nfdostat; vmiostat	?	performance monitoring	
match process to file or port	profiles (5.2+; files only)	fuser	lsof sockstat	lsof fuser	fuser	lsof netstat -atup	lsof	fuser	lsof	lsof	fuser	?	?	?	?	?	?	match process to file or port	
X pop-up	/usr/db/bin/errordr.ds	?	?	/usr/db/bin/errordr.ds	/usr/bin/X11/xconfm	/usr/X11R6/bin/xmessage	osascript -e 'tell application "Finder" to display dialog "msg";	?	?	?	?	?	?	?	?	?	?	?	
TASK / OS	AIX	DG/UX	FreeBSD	HP-UX	IRIX	Linux	Mac OS X	NCR Unix	NetBSD	OpenBSD	Reliant	SCO UnixWare	Solaris	SunOS 4	Tru64	Ultron	UNICOS	OS / TASK	
FAQs (see also faq.org)	www.faq.org/faq/	www.dg.com/csc/dgfaq1.stm	www.freebsd.org/doc/en_US.ISO8859-1/books/faq/	www.faq.org/faq/	www.sgi.com/linux/	www.linuxdoc.org/	www.darwininfo.org/	www.netbsd.org/Documentation	www.openbsd.org/faq	www.faq.org/faq/Solaris2-FAQ/	www.faq.org/faq/Solaris2-FAQ/	www.faq.org/faq/comp-sys-sun-faq/	www.faq.org/faq/	www2.tru64.com/faq/tru64_faq.pln	www.unix.org.uk/docs/faq/faq_unixman.html	www.singtel.com.sg/ser63-2/dbinaries/DGUXix86	www.uniconman.net	FAQs (see also faq.org)	
mailing list	AIX-I, @pruic; @pruicern.edu (LISTSERV)	?	www.freebsd.org/mailbook/resources.html	linux-admin@linuxworks.com (majordomo)	?	www.linuxmanagers.org/	lists.apple.com/	www.netbsd.org/MailingList	www.openbsd.org/mail.html	sun-managers@sunmanagers.org (majordomo)	sun-managers@sunmanagers.org (majordomo)	truf4-unix-managers@enl.gov (majordomo)	deccatation-managers@enl.gov (majordomo)	www.linux.org.uk/docs/faq/faq_unixman.html	www.linux.org.uk/docs/faq/faq_unixman.html	www.linux.org.uk/docs/faq/faq_unixman.html	www.linux.org.uk/docs/faq/faq_unixman.html	?	mailing list
mailing list archives	www.archive.org/html/vi/index?ADSM-L	?	www.freebsd.org/search.html	www.dutchworks.nl/html/hpuxvadmin	?	www.linuxmanagers.org/normal/linuxmanagers.html	lists.apple.com/	www.netbsd.org/MailingList	www.openbsd.org/mail.html	www.sammasters.org/archives.html	www.linux.org.uk/docs/faq/faq_unixman.html	www.linux.org.uk/docs/faq/faq_unixman.html	www.linux.org.uk/docs/faq/faq_unixman.html	www.linux.org.uk/docs/faq/faq_unixman.html	www.linux.org.uk/docs/faq/faq_unixman.html	www.linux.org.uk/docs/faq/faq_unixman.html	www.linux.org.uk/docs/faq/faq_unixman.html	?	mailing list archives

Rosetta Stone for Unix

man pages www.freebsd.org/cgi/man.cgi	publib.boulder.ibm.com/infocenter/series/551/index.jsp?topic=/com.ibm.aix.doc/infocenter/busc/dphabrc/all/sof/commands.htm	www.freebsd.org/cgi/man.cgi	docs.hp.com/en/1hpuxman_pages.html	techpubs.sgi.com/library/idx.cgi?bin/hbrowsc.cgi?coll=&B=man	www.linuxmanpages.com/	Fedora Core 4/linuxcommand.org/superman_pages.php	www.freebsd.org/cgi-bin/man.cgi	www.openbsd.org/cgi-bin/man.cgi	www714.doc.sco.com/en/Navpages	docs.sun.com/app/docs/coll/40.10	www.freebsd.org/cgi/man.cgi	man pages www.freebsd.org/cgi/man.cgi						
newsgroup(s) and forums www.newsgroups.com	comp.os.aix/www.ibm.uni-dl.de/comp/os/aix.html	comp.os.aix/www.ibm.uni-dl.de/comp/os/aix.html	comp.sys.hp.hpux	comp.sys.sgi.admin	comp.os.linux.*(esp.answers)	comp.sys.mac.*	comp.sys.ncr	comp.unix.bsd.freebsd.misc	comp.unix.bsd.openbsd.misc	de.comp.os.unix.solaris	comp.unix.sco.misc	comp.sys.sun.admin-comp.unix.solaris	comp.sys.sun.admin	comp.sys.dec-comp.unix.tru64	comp.unix.ultrix	comp.unix.cray	newsgroup(s) and forums www.newsgroups.com	
user groups	www.userblue.org	www.freebsd.org/support.html#user	www.imirex.org	www.debianhelp.org	www.apple.com/usa/usa.html	www.compton.com/developer/mailinglists	www.netbsd.org/gallery/groups.html	www.apple.com/usa/usa.html	www.apple.com/usa/usa.html	www.apple.com/usa/usa.html	www.apple.com/usa/usa.html	www.apple.com/usa/usa.html	www.apple.com/usa/usa.html	www.apple.com/usa/usa.html	www.apple.com/usa/usa.html	www.apple.com/usa/usa.html	user groups www.cru.org www.exeriv.com	
magazines	www.developer.ibm.com/library/aix.pdf	www.daemonews.com	www.hcchronicle.com	www.sgi.com/support/pipeline.html	www.linuxjournal.com	www.macworld.com	www.daemonews.com	www.apple.com/usa/usa.html	www.apple.com/usa/usa.html	www.apple.com/usa/usa.html	www.apple.com/usa/usa.html	www.apple.com/usa/usa.html	www.apple.com/usa/usa.html	www.apple.com/usa/usa.html	www.apple.com/usa/usa.html	www.apple.com/usa/usa.html	magazines www.apple.com/usa/usa.html	
vendor home page	www.developer.ibm.com/techmap/aix.htm	www.csc.de.com/csc/default.asp	www.freebsd.org	unix.hp.com	www.sgi.com/software.html#IRIX	www.linux.org	www.apple.com	www.apple.com	www.apple.com	www.apple.com	www.apple.com	www.apple.com	www.apple.com	www.apple.com	www.apple.com	www.apple.com	vendor home page www.apple.com	
vendor docs and patches (see also man pages)	www.redbooks.ibm.com/redbooks/pdfs/rd00104.pdf	www.csc.de.com/csc/custdocs/custdocs2.asp?category=009docs.asp	www.freebsd.org/handbook	docs.hp.com	techpubs.sgi.com/support/patch_intro.html	www.linuxdoc.org/	www.apple.com/developer/apple/darwin	www.apple.com/developer/apple/darwin	www.apple.com/developer/apple/darwin	www.apple.com/developer/apple/darwin	www.apple.com/developer/apple/darwin	www.apple.com/developer/apple/darwin	www.apple.com/developer/apple/darwin	www.apple.com/developer/apple/darwin	www.apple.com/developer/apple/darwin	www.apple.com/developer/apple/darwin	vendor docs and patches (see also man pages) www.apple.com/developer/apple/darwin	
vendor phone (US)	AIX: 800-237-5511 IBM hardware: 800-426-7378	www.csc.de.com/csc/custdocs/custdocs2.asp?category=009docs.asp	925-674-0783 (FreeBSD Mail)	800-633-3600	800-800-4SGI	?	1-800-MY-APPLE	?	?	?	(Germany) +49-5251-80	?	800-USA-4SUN	?	800-344-4825	800-344-4825	vendor phone (US)	
TASK / OS	AIX	DG/UX	FreeBSD	HP-UX	IRIX	Linux	Mac OS X	NCR Unix	NetBSD	OpenBSD	Reliant	SCO UnixWare	Solaris	SunOS 4	Tru64 (Digital Unix, OSF/1) (4) 4.0F/G (5) 5.0A	Ultrix	UNICOS	OS TASK

Footnotes

- In System V-based Unixes, *run level* relates to booting, shutdowns, and single-user mode. In BSD, it has to do with security.
- Freeware or separately downloadable; not part of the base OS. See the [precompiled binaries task](#), or web search.

Universal Command Guide is a large book which covers several of the OSs in this table. See <http://www.allcommands.com>

UnixGuide.net has a similar table covering fewer Unix versions and a somewhat different set of tasks. See <http://unixguide.net/cgi-bin/unixguide.cgi>

cookcommands.com is a search engine giving one-line command examples: http://www.cookcommands.com/index.php?option=com_cc&Itemid=28

Solaris / HP-UX / FreeBSD / Linux / AIX: <http://www.unixsporting.com/unixguide.html>

Solaris / HP-UX: <http://old.sco.com/migration/hpux/miscissues/>. If that page no longer exists, get an archived version from the Internet Archive Wayback Machine at <http://www.archive.org/web/web.php>

AIX 4.3.3 / Solaris 8: <http://www.redbooks.ibm.com/redpapers/pdfs/rdp0104.pdf>

Unix history time line: <http://www.leveez.com/unix/>

Heiner Steven's AWK dialects page: <http://www.shelldorado.com/articles/awkcompat.html>

Ben Zorn's Debugging Tools for Dynamic Storage Allocation and Memory Management: http://www.es.colorado.edu/homes/zorn/public_html/MallocDebug.html

Most modern Unixes conform to the POSIX standards: <http://en.wikipedia.org/wiki/POSIX>

USENIX: <http://www.usenix.org/>

USENIX System Administrator's Guild: <http://sage.org/>

League of Professional System Administrators: <http://lpsa.org/>

This page is <http://bhami.com/rosetta.html> last updated 2007.01.01. This compilation Copyright © 2000-2007 Brux Hamilton bhami@pobox.com. Reproduce freely for personal use. Do not reproduce for commercial purposes. LINK don't copy, or you will miss updates! Original concept by Pat Wilson. Thanks to Bit Faulk and Mårten Svantesson for the improved JavaScript.