This custom drawing feature now works in Mojilla/Firefox, in Opera 7.0 or better, and in IE 5 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

Contributions and corrections grateful	nslator (ROSETTA STONE) OR 1 fully accepted. Please help us fill in the bl.	blanks. New "tasks" are welcome, too!														1			
PDF version (for best results print US Framed version,	US legal size, landscape orientation. If you	your browser plug-in has trouble with the Pl		it in stand-alone acroread).															
If not specified, commands are it Files referenced may be either or	OS versions in parentheses, e.g., (8)+ means version 10 and geneter; 9- means version 9 and previous. 5-versax cost, (obt) = Orbitoles  If not specified, commands are in one of the following directories-hardhan, hard-han, hard-hand-hand-hand-hand-hand-hand-hand-han																		
Categories: hardware, firmware, devices				disk				kernel, boot, swap						files, volumes					
networking TASK \ OS	AIX	A/UX	DG/UX	FreeBSD	curity, backup HP-UX	IRIX	Linux	software, patching, tracin Mac OS X	NCR Unix	NetBSD	OpenBSD	Reliant	SCO OpenServer	references Solaris	SunOS 4	Tru64	Ultrix	UNICOS	OS / TASK
OS notes	By IBM, with input from System V, BSD, etc. Runs mainly on IBM RS/6000 and	Apple 1988-1995. Based on	s Data General was aquired by EMC in 1999.	Derived from 4.4BSD-Lite and	d Hawker Darkard		(rh) = Red Hat, Mandrake, SUSE, (deb) = Debian, Libranet, (fed) = Fedora (gen) = Gentoo (md) = Mandrake/Mandriva (SUSE) = SUSE	Darwin is the Open Source foundation for Mac OS X, descended from NeXTStep	ie .	Derived from 4.4BSD- Lite and 386BSD. This table does not include external packages from	Forked from NetBSD in 1995. Security emphasis. This table does not include external packages from /usr/ports.	Fujitsu Siemens. Originally called SINIX. Based on DC/OSX from	SCO UnixWare 7.0.1& SCO UnixWare 7.1.1 became Caldera	Solaris 2.0-2.6, 7, 8, 9, 10, 11 OpenSolaris (SunOS 5.*)	Solaris 1.* BSD-based		An early DEC Unix, superceded by Digital	Cray Inc., formed	OS notes
	smit smitty wsm	Finder	sysadm	sysinstall	sam smh (11.31+)	/usr/sysadm/bin/sysmgr (6.3+) toolchest /usr/Cadmin/bin/*	(rh, FC2+, RHEL4+) system- config* (rh) redhat-config* linuxconf (obsolete) (SUSE) yast2 (deb) dpkg-reconfigure (md) drakconf	MetInfo Manager	sysadm	sushi (obs)	?	sysadm WebSysAdmin	scoadmin	solstice admintool smc (8 01/01+)	?	checklist (5) sysman	?	checklist /etc/install/install xmenu	administrative GUI
managing users	mkusar	Finder /etc/adduser edit /etc/passwd	useradd	pw vipw	useradd userdel usermod getprpw modprpw pwget	/usr/sysadm/privbin/ addUserAccount passmgmt /usr/Cadmin/bin/cpeople	chage	Aqua: System Preferences / Accounts niutil (OS X Server) dscl	useradd userdel usermod syxadm	warmod	useradd userdel adduser (interactive) usermod user	sysadm useradd userdel	scoadmin useradd userdel	userndd usermod getent logins /usr/sadm/bin/smuser (9+) groupadd	edit /etc/passwd and create home directory	useradd adduser userdel removeuser dxaccounts	adduser removeuser	xadmin udbgen udbrstrict nu scripts	managing users
TASK \ OS	AIX	A/UX	DG/UX	FreeBSD	HP-UX	IRIX	Linux	Mac OS X	NCR Unix	NetBSD	OpenBSD	Reliant	SCO OpenServer	Solaris	SunOS 4	Tru64	Ultrix	UNICOS	OS / TASK
list hardware configuration	priconf listig listit listev lispath	,	dg_sysreport -g hardware	sysctl -a dmesg cre pciconf -l usbconfig camcontrol devlist	ioncan dmesg (f/you're lucky) adb model om the SupportPlus CDROM) bf (file most vendor'd) machinfo (11.22+) print, manifest	hinv sysinfo-vv	uname drnesg (f you're lucky) car /varlog/dmesg //proc/* lathw dmidecode lspci lspnp lscscsi lsunb lsund (SUSE) hwinfo /sys/devices/*	hostinfo jorg -bls system_profiler	priconf desstat machinetype more /esc/.osm	more	cat /var/run/dmesg.boot	assoconf -l. showconf uname-p uname-M mpentl -l	hwconfig hw scoadmin/DCU /usr/lib/X11/resttools/ z35SysInfo	ptcomf ·v   /uscplatform' mame +i  /uscplatform' mame +i  /uscplatform' mame +i  /uscplatform' mame -i  /uscplatfo	dmesg (if you're lucky)	dia -R full ymnstat -P hwmgr -get category (5) hwmgr -get category (5) hwmgr -sshow dervices pm. Lufo ym. Lufo ywtheck /use bin /X11/dxoysinfo	dmesg (if you're lucky)	machid getconf uname -a	list hardware configuration
unique id useful for licensing	uname -u uname -m Isattr -El sys0 -a systemid	?		cat /etc/hostid sysctl kern.hostuuid	uname -i	?	?	system_profiler SPHardwareDutaType   grep "Serial Number:"   awk '{print \$4}'	?	?	?	?	?	hostid	hostid	consvar -g sys_serial_num	?	?	unique id useful for licensing
show/set EEPROM/NVRAM values	bootlist -o -m normal	n/a	dg_sysctl   grep BOOTPATH	eeprom (SPARC only)	setboot stm	nvram printenv/setenv (at command monitor)	/dev/nvram (if you have it) hwclock nvsetenv	nvram	?	eeprom	eeprom	in bdm (at boot stop or ctrl-a)	?	eeprom	eeprom	(4.0D+) consvar	?	?	show/set EEPROM/NVRAM values
add device without reboot	cfgmgr -v	?	N/A	kldload /etc/rc.d/devfs restart	inst -C devtype	scsiha -pr ioconfig -f /hw scsiadminswap	udev (2.6+) udevtrigger modprobe kerneld insmod hotplug cardetl	(automatic — autdodiskmounter)	devringmt mktable	sesictl atactl	(auto-detected)	reinitdev changedev	mkdev	(10+) add_drv devfsadm.pre-Solaris 7 HW 11/59, use: drvconfig; devlinks; [disks, tapes, ports] /uss/lib/symsm/bin/hot_add (RDAC) /etc/symsm/mparams (RDAC)	/dev/MKDEV	(3.2 *) scu scan edt (4.0) scu scan edr, disklabel -rw rzXX label (for disks) (5.x) dsfmgr -k; disklabel -rw dskn auto hwmgr -scan scsi	/dev/MAKEDEV	?	add device without reboot
remove device	rmdev	?	·	camcontrot eject	rmsf	?	?	?	?	?	?	? /dev/ios0/rstape001	?	(10+) rem_drv devfsadm	?	?	?	?	remove device
tape device	/dev/rmt0	/dev/rdsk/c8d?s0	/dev/rmt/0	/dev/rsa0 /dev/*wt* /dev/*sa[0-9]*	/dev/rmt/0m	/dev/tape /dev/nrtape	/dev/st0	?	/dev/rmt/c+	/dev/st0	/dev/[e][n][r]st[0-9]*	/dev/ios0/rstape001 autoconf -1   grep TAPE	/dev/rct0	/dev/rmt/0	/dev/rst0	(5.x) /dev/ntape /dev/tape	/dev/nrmtXh where n=non-rewinding, X a number, h=density	tpmnt	tape device
stdin/ stdout/ stderr	?	?	?	/dev/fd/[012]	?	/dev/fd/[012]		/dev/fd/[012]	?	/dev/fd/[012]	/dev/stdin /dev/stdout /dev/stderr /dev/fd/[012]	?	?	/dev/fd/[012]	?	2	?	?	stdin/ stdout/ stderr
X kvm config	?	?	?	Xorg -configure xf86config	itemap	/usz/bin/X11/xsetmon /usz/gfx/setmon	xorgcfg xorgconfig Xorg-configure system-config-display xf86config XFree86 -configure redhat-config-xfree86 /etc/X11/?dm	?		xf86config xf86cfg XFree86 -configure	X -configure	?	hwconfig	kdmconfig (x86) fbconfig; m64config; (etc.)	?	?	?	?	X kvm config
TASK \ OS	AIX	A/UX	DG/UX	FreeBSD	HP-UX scsimgr (11.31+)	IRIX	Linux	Mac OS X	NCR Unix	NetBSD disklabel -r	OpenBSD	Reliant	SCO OpenServer	Solaris	SunOS 4	Tru64	Ultrix	UNICOS	OS / TASK
read a disk label	lspv	?		disklabel -r gpart show (7.0+)	diskinfo pvdisplay	prtvtoc		pdisk <i>rawDev</i> -dump Disk Utility	prtvtoc	disk mbrlabel fdisk	disklabel diskName	dkpart -l	fsname	prtvtoc	dkinfo	disklabel -r	chpt -q	?	read a disk label
whole disk in partition	hdisk[0,1,2,]	?	?	c	?	10	/dev/hda (e.g. if /dev/hda1 is a partition)	(non-root partitions are mounted under /Volumes)		c or d sysctl kern.rawpartition	c	/dev/ios0/rsdisk???s7 (???=000-999)	/dev/1s# (#=0,1,)	2	c	c	c	s7	whole disk in partition
label a disk	mkvg	?	admpdisk	fdisk disklabel -wr sysinstall gpart add (7+) sade (6.3+)	pycreate	dvhtool fx -x	cfdisk fdisk c2label		sysadm fdisk edvtoc prtvtoc mkpart updatesesi labelit		disklabel -E diskName	dksetup	divvy	format privioc (x86) fdisk	format	disklabel -rw	chpt -a	/etc/labelit	label a disk
partition a disk	mklv	dp Finder: Apple HD SC Setup	admpdisk	fdisk sysinstall gpart add (7.0+) sade (6.3+)	smh (11.31+) Ivcreate sam	fx	parted (if you have it) cfdisk fdisk fdisk (on a MAC) (deb) mac-fdisk (on a MAC) (mt) diskdrake	pdisk )	fdisk	disklabel -i	fdisk -e diskName	dkpart -e	divvy	format fmthard	format	disklabel -e	chpt -p	/etc/install/install	partition a disk
TASK \ OS	AIX	A/UX	DG/UX	FreeBSD	HP-UX	IRIX	Linux	Mac OS X	NCR Unix	NetBSD	OpenBSD	Reliant	SCO OpenServer	Solaris	SunOS 4	Tru64	Ultrix	UNICOS	OS / TASK
kernel	Aunăx	/unix	/dgux	/boot/kernel/kernel	/hpux (9) /stand/vmunix (10+)	/unix	/boot/wilinuz* /boot/bootlx (see /etc/lilo.conf or /boot/grub/menu.lst)	/mach_kernel	/unix /stand/unix	/netbsd	/bsd	/unix /stand/unix	/unix	/kernel/genunix /platform'uname -m'/ kernel/unix /platform'uname -m'/ kernel/sparcy9/unix (7+)	/vmunix	/vmunix	/vmunix	/unicos	kernel
show/set kernel parameters	vmo ioo schedo	/etc/kconfig Finder	vi /var/Build/	/boot/loader.conf sysctl /etc/sysctl.conf	smh (11.31+) sam sysdef kmtune (11+) kctune (11.23+) getcomf	systune	sysctl /etc/sysctl.conf		sysdef getconf /etc/conf/cf.d/ quicktune.cfg	/etc/sysctl.conf	sysctl /etc/sysctl.conf	cat /etc/opt/ct.d/stune		getcom cat /etc/system ndd adb -k	adb /usr/kvm/sys/ `arch -k`/conf	dxkerneltuner sysconfig	adb kdb	?	show/set kernel parameters
limit physical memory		?	?		?	?	mem= (in lilo.conf or /boot/grub/grub.conf)	nvram bootargs="maxmem=MB"	?	?	machine memory (at the "boot" prompt)	?	?	/etc/project zonecfg	?	2	?	?	limit physical memory
	vxketadm -s	?			kmadmin -s kcmodule -a (11.23+)	2		kextstat	?	modstat	modstat	?	modadmin	modinfo	?	?	?	?	loaded kernel modules
load module	vxketadm modname load	?		kidload	kmadmin ·L kcmodule module=loaded (11.23+) kmadmin ·U	?	insmod		?	modload	modload	?	modadmin	modload	?	?	?	?	load module
unload module	?	?		kidunioad	kmadmin -U kcmodule module=unused (11.23+)		rmmod modprobe -r (rh) mkbootdisk	kextunload	?	modunload	modunload	?	modadmin	modunload	?	?	?	?	unload module
make disk bootable	bosboot -a	?	dg_sysctl	boot0cfg disklabel spart bootcode (7+)	mkboot	dvhtool	CALLY CHILL A	bless	dklayout	fdisk -i installboot	/usr/mdec/installboot5 /usr/mdec/biosboot5	dksetup	?	installboot /usr/platform/ 'uname -i'	/usr/kvm/mdec installboot [-hltv] protobootblk	(4.x+) disklabel -rw -t [ufs advfs]	?	?	make disk bootable
				gpart bootcode (7+) sade (6.3+)			,				/usi/indec/biosbooks			/lib/fs/ufs/bootblk raw_device_file	bootdevice	195-195			

Rosetta	Rosetta Stone for Unix																		
				(at-fact (d )			/etc/rc+ (but may vary)	/System/Library/	/etc/rc+					/etc/rc+					
startup scripts	/etc/rc+ /etc/inittab	?	/etc/rc*	/etc/rc+ (4-) /etc/rc.d/+ (5+) /usr/local/etc/rc.d/+	/etc/rc.config.d (preferred) /sbin/rc* (10+) /sbin/init.d/	/etc/rc* /etc/init.d/	/etc/init.d/ chkconfig service	StartupItems/*, /Library/StartupItems/, /etc/rc*	/etc/rc* /etc/init.d	/etc/rc.* /etc/rc.d/*	/etc/rc+ /etc/netstart	/etc/rc*	/etc/re*	/etc/init.d/ (10+) svcadm (10+) svcs	/etc/rc+	/sbin/init.d; links in /sbin/rc?.d	/etc/rc+	?	startup scripts
start/ stop/ config services	startsre stopsre Issre refresh sremstr	?	?	service (8.1+)	?	chkconfig	(rh) service (rh) chkconfig (deb) sysv-rc-conf	launcheti	?	?	?	?	?	sves (10+) sveadm (10+)	?	?	?	?	start/ stop/ config services
shutdown (& power off if possible)	shutdown -Fh	/etc/shutdown -h Finder	?	shutdown -p now	shutdown -yh 0	/etc/shutdown -y -g0 -i0 p	shutdown -Ph now shutdown -y -g0 -i0 halt poweroff	halt	?	shutdown -p now	shutdown -hp now	?	shutdown -i0	shutdown -y -g0 -i5	?	?	?	?	shutdown (& power off if possible)
run levels ! *-normal states for more detail see www.phildev.net/runlevels.htm	2: multiuser 6: reboot	2	?	0: halt and power off 1: single-user mode 6: reboot c: block further logins q: rescan trys(5) file kernel security levels: -1*: permanently insecure 0: insecure 1: secure 2: highly secure 3: network secure	0: shut down 8.5: single-user 1: sys admin 2: multiuser 3*: share NFS 4*: start GUI 3: user-defined 6: user-defined	0: power-down s.S: single-user 1: sys admin 2: multiuser (no NFS) 3*: multiuser 4: user-defined 5: firmware monitor	(set in /etc/inittab) 0: halt s.S.I: vendor-dependent 1: single-user 2.5*: multiuser 6: reboot	?	(set in /etc/inittab)  0: shusdown s,S: single-user 1: sys admin 2: multi-user 3: share NFS 4: user-defined 4: user-defined 6: reboot	-1: permanently insecure 0*: insecure 1*: secure 2: highly secure	insecure 0*: insecure 1*: secure 2: highly secure	0: power-down s,S: single-user 1: sys admin 2+: multiuser 3+4+: user-defined 5: firmware update 6: reboot	?	0: firmware monitor s.S: single-user 1: sys admin 3: share NS 3: share NS 4: user-defined 5: power-down if possible 6: reboot	?	0: shut down 1: single user 2: multi-user, no NFS 3: multi-user 6: reboot	0: shut down 1: single user 2: multi-user, no NFS 3: multi-user 6: reboot		run levels ! *-normal states for more detail see www.phildev.net/runlevels.html
show runlevel ! time zone info	who -r /etc/environment (\$TZ)	/etc/TIMEZONE		sysctl kern.securelevel /etc/localtime	who -r /usr/lib/tztab	who -r /usr/lib/locale/TZ/	/sbin/runlevel /usr/share/zoneinfo/	(runlevels unused) /usr/share/zoneinfo/	who -r /usr/lib/locale/TZ	sysctl kern.securelevel /etc/localtime	/usr/share/zoneinfo/	who -r	who -r	who -r /usr/share/lib/zoneinfo/	?	who -r /etc/zoneinfo	?	who-r	show runlevel ± time zone info
ume zone into	/etc/environment (\$12)	/etc/11MEZONE		/usr/share/zoneinfo	/usr/iiib/tztaib	/etc/TIMEZONE	/etc/localtime swapon -s			/usr/share/zoneinfo/	/etc/localtime	f			r	/esc/zone into	<i>(</i>	ř	time zone into
check swap space	lsps -a	/etc/swap -l	admswap -o list -buv dg_sysreport -p freeswap systat -swap	swapinfo pstat -s	swapinfo	swap -s swap -l	cat /proc/meminfo cat /proc/swaps free	ls -l /var/vm vm_stat	swap -s swap -l sar -r	swapetl -l pstat -s systat swap	swapcti	swap -s swap -l	swap -1	swap -s swap -1	pstat -s	swapon -s	?	/etc/swapper	check swap space
bind process to CPU	bindprocessor	?	?	cpuset	psrset -b mpsched -c intctl	runon	taskset (sched-utils)	?	?	?	?	?	?	pbind	?	pset_create pset_info psradm	?	?	bind process to CPU
TASK \ OS	AIX	A/UX	DG/UX	FreeBSD	HP-UX	IRIX	Linux	Mac OS X	NCR Unix	NetBSD	OpenBSD	Reliant	SCO OpenServer	Solaris	SunOS 4	Tru64	Ultrix	UNICOS	OS / TASK
"normal" filesystem	jfs	ufs	dg/ux	ufs/ffs/ufs2 (5+) ext2 zfs (7+)	hfs vxfs (11.0+)	efs, xfs	ext2 ext3 ReiserFS	ufs hfs+	vxfs	ffs (was ufs)	ffs (was ufs)	vxfs ufs (root)	htfs (OpenServer 5) vxfs	ufs zfs (OpenSolaris)	4.2	(4) ufs (5) AdvFS	ufs	NCIFS C2FS	"normal" filesystem
volume-based filesystem	jfs2	?		225 (7+) cod vinum geom (5+) zfs (7+)	jfs (vxfs) LVM <u>VxVM</u> (\$)	xlv, xvm, xfs	LVM, LVM2 EVMS VxVM (8)	?	vdisk VxVM	ccd, raidframe	ccd raid softraid	vdisk	vdisk	zfs(10+) Solstice DiskSuite VxVM (5)	?	Advfs LSM	N/A	?	volume-based filesystem
file system description	/etc/filesystems mount lsfs	/etc/fstab	/etc/fstab	/etc/fstab zfs (7+)	/etc/checklist (9) /etc/fstab	/etc/fstab	/etc/fstab	NetInfo	/etc/vfstab	/etc/fstab	/etc/fstab	/etc/vfstab /etc/dktab	/etc/mnttab /etc/default/filesys /etc/vfstab (local) /etc/rmtab (remote)	/etc/vfstab (local)	/etc/fstab	/etc/fstab AdvFS: /etc/fdmns	/etc/fstab	/etc/fstab	file system description
volume manipulation	smitty vg smitty lvm smitty jfs smitty storage mikv g.chvg. rmvg makv, chv, mbv mkfs; crfs; msfs	2	sysadm	vinum codoonfg geom (5.3+) guitipe (5.3+) guitipe (5.3+) guitine (5.3+) guida (5.3+) zpool	vg*; lv*; pv* extendfs fsadm	xlv_mgr xvm	e2fsadm lvcreate lvcrenove lvextend	Disk Utility pdisk diskutil	vxva dkconfig	codconfig raidetl	ccdconfig raidetl bioetl	dkconfig dkmirror dkmap	?	zpool (10+) meta* (Sodstiee DiskSuite; Solairs Volume Mgr (9+)) Solairs Volume Mgr (9+) Sarvious SUNWad/ shint (spit VRTSyzwabin/yzwa (Veritas Volume Mgr) (5)	?	AdvFS: mkfdmn, mkfset, addvol, sbowfdmn LSM: volassik or volmake, volume, volplex and volsd, volprint	?	/etc/install/install	volume manipulation
create filesystem	crfs	/etc/newfs /etc/mkfs	admfilesystem	newfs zfs (7+)	mkfs newfs	mkfs	mke2fs mkreiserfs mkdosfs mkfs.*	newfs newfs_hfs newfs_mdos	mkfs	newfs makefs	newfs	mkfs newfs	divvy (OpenServer 5) mkfs	newfs mkfs zfs (10u2+)	newfs mkfs	AdvFS: mkfdmn UFS: newfs MFS: mfs	newfs mkfs	bb mkfs labelit	create filesystem
file system debugging and recovery	dfsck fsck fsdb	fsck	feelb	fsck fsdb clri	fsck fsdb	fsck fsdb ciri xfs_repair	fsck debugfs e2undel	fsck fsdb clri	?	fsck fsdb clri	fsck fsdb clri scan_ffs	?	fsck fsdb	fsck fsdb clri	?	?	?	?	file system debugging and recovery
create non-0-length empty file	lmktemp	?		truncate -s size[K]MG] filename dd if=/dev/zero of=filename bs=size[b]k[m]g]\ count=desired	e prealloc	mkfile	dd if=(dev/zero of=filename bs=1024k count=desired	mkfile dd if=/dev/zero of=filename bs=1024 count=desired	dd if='dev/zero of=filename bs=1024 count=desired	dd if=/dev/zero of=filename bs=1m count=desired	dd if=/dev/zero of=filename bs=1024 count=desired dd if=/dev/zero of=filename bs=1 count=1 seek=desired-1 (sparse file)	mkfile dd if=/dev/zero of=filename bs=1k	dd if=/dev/zero of=filonmae bs=1024 count=desired	mkfile	mkfile	dd if=/dev/zero of=filename bs=1024k count=desired	?	?	create non-0-length empty file
convert DOS-format text to Unix format	strings dosfile.txt > unixfile.txt	?	?	?	dos2ux	?	dos2unix	?	?	?	?	?	?	dos2unix	?	?	?	?	convert DOS-format text to Unix format
mount CDROM	mount -v cdrfs -o ro /dewlcd0 /cdrom smitty cdrom	Finder	mount -t cdrom /dev/pdsk/disk/cdrom	mount /cdrom mount_cd9660	pfs_mountd pfsd pfs_mount mount_dev\dsklctytdz\dsklctyt	(see man mediad) (mounts automatically when CD inserted)	mount /mnt/cdrom (deb) mount /cdrom	(automatic — automounter) diskutil mount /dev/disk1s0	/dev/cdrom/cdromX	mount -t cd9660 -o ro /dev/cd0a path	mount /dev/cd0a path	mount -F hs sysadm	mount /dev/cd0 path	/etc/init.d/vold start; volcheck or mount -Fhsfs -o ro /dev/dsb/c0nfd/0:2 /cdrom	mount -t hsfs -r /dev/sr0 /cdrom	mount /dev/disk/cdromXa /mnt mount -t cdfs -o noversion /dev/disk/cdrom3e /cdrom	?	?	mount CDROM
eject CDROM	?	(manually)	?	camcontrol eject devID cdcontrol eject [-f device]	?	eject	eject	diskutil eject /dev/disk1s0 /Volumes/theCDmountpoin	, ?	eject cdrom eject cd0 eject -n	cdio eject eject cd0 eject /dev/rcd0c	?	?	eject cdrom	?	?	?	?	eject CDROM
create/mount ISO image	mked	?		mkisofs mdconfig; mount	nohup pfs_mountd&; nohup pfsd&; pfs_mount -t iso9660 -x unix pathTotso mountPoint	mkisofs (freeware)	mkisofs mount -o loop pathToIso mountPoint	hdiutil	?	makefs -t cd9660 image_file directory; vnconfig -c vnd0 image_file; mount-t cd9660/dev/vnd0a mountPoint	mkhybrid -o image.iso dii vnconfig vnd0 image.iso && mount -t cd9660 /dev/vnd0c mountPoint	?	2	mkisofs&DEVICE='lofiadm -a /absolute_pathname/image.iso'; mount - F hsfs -o ro SDEVICE	?	?	?	?	create/mount ISO image
ACL management	aclget aclput acledit Is -e	?	?	getfacl setfacl {get,set}{f,p}mac	Isacl chael getacl setacl	chacl (see man acl)	getfacl setfacl	chmod fsacletl (-10.6)	?	n/a	?	?	?	getfacl setfacl	?	?	?	?	ACL management
Fibre Channel / SAN	festat lsefg -vl fcs0 lsattr -El fcs0	?	?	mptutil (8.0+) showmount	sesimgr (11.31+) femsutil fedlist tdutil tdlist tddiag	emgr exfs-config exfsmgr exfs_info	systool multipath	?	?	(treat as SCSI device)	?	?	?	cfgadm luxadm stmsboot mpathadm fcinfo	?	?	?	?	Fibre Channel / SAN
TASK \ OS	AIX	A/UX	DG/UX	FreeBSD	HP-UX	IRIX	Linux	Mac OS X NetInfo: /exports	NCR Unix	NetBSD	OpenBSD	Reliant	SCO OpenServer	Solaris	SunOS 4	Tru64	Ultrix	UNICOS	OS / TASK
NFS share definitions	/etc/exports /etc/xtab exportfs -a	/etc/exports		/etc/exports	/etc/exports /etc/dfs/dfstab (11.31+) exportfs -a share (11.31+)	/etc/exports	/etc/exports /etc/init.d/nfs-server reload	Netinfo: /config/SharePoints kill -s HUP `cat	/etc/dfs/dfstab dfshares	/etc/exports kill -s HUP `cat	/etc/exports kill -HUP `cat	/etc/dfs/dfstab /etc/dfs/sharetab	/etc/exports exportfs -a	/etc/dfs/dfstab dfshares share	/etc/exports	/etc/exports /sbin/init.d/nfs start;	?		NFS share definitions
NFS share command	mknfsexp	/usr/etc/exportfs -a	exportfs -a	/var/run/mountd.pid`	shareall (11.31+) share_nfs (11.31+)	exportfs -a	(rh) exportfs -a	/var/run/mountd.pid*	shareall	/var/run/mountd.pid` /etc/rc.d/mountd reload		shareall	/etc/nfs start	shareall showmount	exportfs -a	/sbin/init.d/nfsmount start	7	exportfs -a	NFS share command
NFS information	nfsstat nfso -as	/usr/etc/nfsstat	nfsstat	nfsstat	nfsstat	mount   grep nfs	cat /proc/mounts	nfsstat	?	nfsstat	nfsstat	?	showmount nfsstat	showmount	?	?	?	?	NFS information
name resolution order	/etc/netsvc.conf	?	/etc/netsvc.conf	/etc/host.conf (4-) /etc/nsswitch.conf (5+)	/etc/nsswitch.conf	6+: /etc/nsswitch.conf 5.3: /etc/resolv.conf	/etc/nsswitch.conf /etc/resolv.conf	NetInfo	tepconfig /etc/netconfig	/etc/nsswitch.conf /etc/resolv.conf (obsolete)	/etc/resolv.conf	/etc/netconfig	/etc/resolv.conf	/etc/nsswitch.conf getent	(hardcoded into libc)	/etc/nsswitch.conf /etc/svc.conf (obsolete)	?	/etc/hosts.usenamed	name resolution order
show network interface info	ifconfig -a no -a netstat -i netstat -v lsattr -E -l entX	netstat -i /etc/ifconfig -a	netstat -i ifconfig	ifconfig -a	nwmgr (11.31+) lanadmin landing lanscan netstat - in ifconfig lanx	/usr/etc/ifconfig -a netstat -ia	ifconfig ethtool	ifconfig -a netstat -a	ifconfig -a ildconfig netstat -in	ifconfig -a netstat -in	ifconfig -A	ifconfig -a inetstat -in etherstat cmxinfo	ifconfig -a netstat -in Network Config. Mgr. (GUI)	dladm ndd ifconfig -a netstat -in dladm (8+) kstat -n hme0   egrep 'ifspeed duplex'	ifconfig -a	ifconfig -a netstat -in hwmgr get attribute -category network	ifconfig	ifconfig -a netstat -in	show network interface info

Rosetta S	stone for Un	11X																	
change IP	smitty chinet chdev -a netaddr= newlP -1 en# mktepip	ifconfig odt/etc/NETADDRS	sysadm	edit /etc/re.coaf (option ifconfig_interfacername) ifconfig	Abin'set_parms initial ifconfig	edit:/tet/[hosts, sys_id, resolv.conf, ITIMEZONE], /tet/config/ [static-route.options, ifconfig-1.options]; reboot	ifconfig (th) redsh-config-network (fedoral system-config- network. (rth) edit: /etc/hosts, (rtc) syconfig/network, (etc) syconfig/network, (etc) syconfig/network, (etc) syconfig/network, (fedo) edit (fedo) edit (fe	System Preferences: Network NetInfo	ifconfig tepconfig	edit /esc/rc.conf (ifconfig*) edit /etc/ifconfig.interface	ifconfig  edit /etc/hostname.driver	sysadm ifconfig (temp.) vi /esc/default/inet	if-config netconfig	odir/es/(rach conf. host, hostname*, netmak, todecamin, dampalm.conf. inet/prodes, net* hosts) sys-unconfig. reboot (this is overkill for a simple IP or hostname change)	edii /etc/hosts /etc/hostname.*	(4.1) notsetup (5.1) sysman net_wizard or netconfig	?	netconfig ifconfig initif /etc/install/install	change IP
start DHCP client	dheped	n/a	dhepd	dhelient	?	proclaim	dheped dhelient	?	?	dhclient	(runtime)  add dhep to /etc/hostname.driver (boot time)	?	?	ifconfig interface dhcp	?	dhepeonf interface start	?	?	start DHCP client
ping one packet	ping -c 1 hostname	/usr/etc/ping hostname packetsize 1	ping -s -c 1 hostname	ping -c 1 hostname	ping hostname 10 1 (9) ping hostname -n 1 (10+)	/usr/etc/ping -c 1 hostname	ping -c 1 hostname	ping -c 1 hostname	ping -c 1 hostname	ping -c 1 hostname	ping -c 1 hostname	ping -c 1 hostname	ping -c 1 hostname	ping hostname packetsize I	ping hostname packetsize I	ping -c 1	?	ping hostname	ping one packet
sniff network	iptrace ipreport	?	tcpdump	tcpdump	netti netfmt	snoop tcpdump	etherfind tcpdump wireshark (formerly ethereal) etherape	tcpdump	tcpdump	tcpdump	tepdump	tcpdump	?	snoop /etc/defaultrouter	etherfind	tcpdump	?	?	sniff network
route definitions	netstat -r route	netstat -r	coradm	edit /etc/rc.conf (option defaultrouter) netstat -r route	/etc/rc.config.d/netconf netstat -r	/etc/config/ static-route.options	route (rh)/etc/sysconfig/network (rh)/etc/sysconfig/static- routes (deb)/etc/init.d/network (deb)/etc/network	netstat -r	/etc/inet/defaultrouter	netstat -r route show /etc/rc.conf /etc/mygate	netstat -r route show /etc/mygate	netstat -r	netstat -r	/etc/notrouter /etc/gateways in routed	/etc/defaultrouter (kernel tweak or adb to diable forwarding)	/etc/routes	?	netstat -r	route definitions
telnetd, ftpd banner	/etc/security/login.cfg	/etc/issue	?	/etc/ftpwelcome	/etc/inetd.conf (telnet)	/etc/issue	/etc/issue.net (telnet) (ftp varies; can use tcp wrappers)	/etc/ftpwelcome	/etc/issue ~ftp/etc/issue ~ftp/etc/msgs/welcome	if= in /etc/gettytab	/etc/issue.net /etc/ftpwelcome	/etc/issue	?	/etc/default/telnetd /etc/default/ftpd	n/a	/etc/issue	?	/etc/issue /etc/motd	telnetd, ftpd banner
set date/time (from net: ntp or other)	ntpdate	date	?	adjkerntz ntp tzsetup	ntpdate	timeslave	ntpdate rdate netdate	System Preferences/ Date & Time		date ntpdate ntpd	date rdate ntpd	?	?	ntpdate rdate	?	ntpdate	rdate	?	set date/time (from net: ntp or other)
TASK \ OS	AIX	A/UX	DG/UX	(obs) timed FreeBSD	HP-UX	IRIX	Linux	Mac OS X	NCR Unix	timed (obs) NetBSD	OpenBSD	Reliant	SCO OpenServer	Solaris	SunOS 4	Tru64	Ultrix	UNICOS	OS / TASK
	audit auditpr				audisp audevent	satd satconfig	(2.6+) auditd				mtree			audit auditd					
auditing	auditselect Isaudrec	?	?	auditd	audomon audsys /etc/passwd (not Trusted)	sat_reduce sat_interpret	/var/log/faillog	?	?	?	/etc/security (run nightly)	?	?	auditreduce praudit					auditing
encrypted passwords in	/etc/security/passwd	/etc/shadow	/etc/shadow	/etc/master.passwd	/.secure/etc/passwd (Trusted 9) /tcb/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/pwd.db)	/etc/shadow	/etc/shadow		/etc/passwd	/tcb/files/auth (only with Enhanced Security)	/etc/shadow	/etc/udb	encrypted passwords in
min password length allow/deny root	/etc/security/user	?	/etc/default/login	/etc/login.conf /etc/login.access	/etc/default/security /etc/securetty	? /etc/default/login	/etc/pam.d/system-auth /etc/securetty	? /etc/ttys (doesn't affect ssh)	? /etc/default/login	? /etc/ttys	/etc/login.conf /etc/ttys	? /etc/default/login	? /dev/default/login	/etc/default/passwd /etc/default/login	? /dev/ttytab	/etc/securettys	? /etc/securettys	? udbrestrict -R	min password length allow/deny root
logins firewall config	genfilt smitty ipsec4 wsm network	?		ipfw ipf pfctl	/etc/opt/ipf/ipf.conf	/etc/ipf.comf	iptables ipchains ipfwadm (rh) redhat-config-	Aqua / System Prefs / Sharing / Firewall ipfw	?	ipf /etc/ipf.conf /etc/ipf6.conf pfctl (3.0+)	pfctl /etc/pf.conf	?	?	(9+) /usr/aset/	?	?	?		logins firewall config
							securitylevel			/etc/pf.conf (3.0+)									
TASK \ OS	AIX	A/UX	DG/UX	FreeBSD	HP-UX	IRIX	Linux (rh) rpm -a -i	Mac OS X ls /Applications	NCR Unix	NetBSD	OpenBSD	Reliant	SCO OpenServer	Solaris	SunOS 4	Tru64	Ultrix	UNICOS	OS / TASK
show installed software	Isipp -L Isore	?	pkginfo	pkg_info ls/var/db/pkg	rmfn, what (HP-UX 9) swlist (HP-UX 10+) swm list (11.31+)	versions showfiles showprods	(rh) rpm -qa (rh) yum list installed (deb) dselect (deb) aptitude (deb) aptitude (deb) dpkg -l (gen) ls /var/db/pkg/* (gen) eix -l	Apple System Profiler system_profiler ls /Network/Applications	displaypkg pkginfo	pkg_info	pkg_info	pkginfo -l sysadm	swconfig (OpenServer 5) displaypkg pkginfo	pkginfo prodreg admintool /var/sadm/install/contents	?	setId -i	?	?	show installed software
file is in which package	lslpp -w file rpm -qif file	?	?	pkg_info -W file	swlist -l file   grep file	versions long   grep file	(deb) dpkgsearch file (deb) apt-file update && apt- file search file (rh) rpm -qif file (gen) equery b file (gen) qfile file (rh) rpm -hiv	?	?	pkg_chk pkg_info -Fe <i>file</i>	pkg_info -E file	?	?	pkgchk -1 -p binaryToCheck	?	?	?	?	file is in which package
add software	smitty install rpm -ihv installp -acgxYd /sourcedir [fileset/ALL]	n/a (no package system)		sysinstall /usr/ports make pkg_add	swm install (11.31+) swinstall	inst swmgr	(rh) yum install pkg (deb) dselect (deb) apt-get install pkg (deb) dpkg -i (md) urpmi	installpkg drag-and-drop /Applications/ Utilities/ Installer	pkgadd pkgplus	pkg_add /usr/pkgsrc && make	pkg_add /usr/ports && make	pkgndd sysadm	custom installpkg SCOudmin (GUI)	pkgadd	?	setld -1	?	?	add software
	www-Libm.com/servers/ aix/products/aixos/linux/ download.html aixpdslib.sea.ucla.edu/ aixpdslib.html bullfreeware.com	see FAQ	xfree86/4.2.0/binaries/	ftp.freebsd.org/ pub/FreeBSD www.freebsd.org	hpux.cs.utah.edu hpux.connect.org.uk	froeware.spi.com www.spi.com/fun nekochan.net	linux.tncows.com sourceforge.net pmfind.net (deb) fip.debian.org (deb) packages.debian.org (gen)packages.gentoo.org <sup>2</sup> (gen)gentoo-portage.com <sup>2</sup> (md)gasyurpmi.zarb.org	fink sourceforge net darwinports opendarwin org darwinports.com	?		ftp://ftp.openbsd.org/ pub/OpenBSD/cversions/ packages	data.mobach.nl/sinix	www.caldera.com/ skunkware	www.sunfreeware.com pww.blastwave.org	?	www.tru64unix.compaq.com/ demos megssyr.zk3 dec.com/ freeware/tbl_packages.html	?	?	precompiled binaries of GPLware and freeware
C compiler	/usr/ibmcxx/bin/cc /usr/vac/bin/cc (\$)	cc /usr/local/gnu/gcc	/usn/sde/default/usn/bin/cc gcc	/usr/bin/cc (gcc) /usr/bin/clang (9.0+)	/opt/softbench/bin/cc (\$) /bin/cc (9) /usr/bin/cc (10+; not necessarily ANSI; kernel builder only)	/opt/MIPSpro/ bin/cc (\$) /usr/bin/cc	oc goc	/usr/bin/cc (gcc)	/usr/bin/cc (Metaware)	/usr/bin/cc (gcc)	/usr/bin/cc	/usr/bin/cc	/usr/bin/cc	/opt/SUNWspro/ bin/cc <sup>2</sup>	/usr/bin/cc	/usn/bin/cc	/usr/bin/cc	/opt/ctl/bin/cc	C compiler
show patch level and/or patches	instfix -ivq oslevel -s	?	what /dgux	uname -a	swm list (11.31+) swlist +l product   grep PHsomeString	versions -b   grep patch uname -R (6.5+)	(rh) rpm -q (rh) cat /proc/version (rh) cat /etc/redhat-release (deb) dpkg -s	sw_vers Apple:About This Mac Is /Library/Receipts uname -a Isbom cat /System/Library/ CoreServices/ SystemVersion.plist	pkginfo -l	cat /kern/version uname -a /etc/release		uname -a pkginfo   grep EKS	swconfig -P		showrev -p (if you're lucky)	dupatch -track -type kit dupatch -track -type patch setld -i   grep patchname sizer -vB	?	?	show patch level and/or patches
patch tool	installp smitty update_all	?	dg_sysreport -p patches	csup (6.2+) freebsd-update (7+) cvsup or cvs to update, then rebuild	update (9) swinstall (10+)	inst swmgr	apt-get update apt-get upgrade (rh) up2date (rh) yum update (md) urpmi	System Preferences / Software Update softwareupdate	pkgadd pkgplus	cvs	evs evsup sup evsyne patch pkg_add	pkgadd sysadm	pkgadd; pkgrm	/usr/sadm/bin/smpatch (9+)	n/a	setld -i dupatch	?	?	patch tool
runtime linking	dump -H Idd	?	?	ldd ldconfig kldstat	chatr Idd (11+) kmadmin	ldd rld _RLD_LIST	ldconfig ldd lsmod	otool -L	ldd ldconfig	ldd nm ldconfig	ldd ldconfig	Idd	?	crle Idd pldd modinfo LD_PRELOAD	ldd	odump -DI ldd	?	?	configure/show runtime linking fortran-2000.com/ ArnaudRecipes/ sharedlib.html
	SLIBPATH	?	SLIBPATH	SLD_LIBRARY_PATH	SLD_LIBRARY_PATH (64-bit) SSHLIB_PATH (32- or 64-bit)	SLD_LIBRARY_PATH SRLD+_PATH	SLD_LIBRARY_PATH /etc/ld.so.conf	\$DYLD_LIBRARY_PATH man dyld	SLD_LIBRARY_PATH	\$LD_LIBRARY_PATH /etc/ld.so.conf	\$LD_LIBRARY_PATH	\$LD_LIBRARY_PATH	?		\$LD_LIBRARY_PATH	SLD_LIBRARY_PATH	?		link library path
tracing utility	probevue trace syscalls truss watch	?	r=ag_strace	ktrace truss dtrace (8+)	caliper fprof caliper ktrace trace (freeware) tusc (11+, freeware)	par prfstat <u>SystemTap</u> (freeware)	strace Itrace	ktrace; kdump (<=10.4) dtruss; dtrace (>=10.5) fs_usage	truss	ktrace ktruss kdump		truss sestat	truss	truss sotruss dtrace (10+)	trace	trace truss		edbx jumptrace	tracing utility
	/etc/security/ mkuser.default /etc/environment	/etc/profile /usr/lib/skel	admuser -o set	/etc/login.conf	/etc/default /etc/PATH /etc/MANPATH /etc/default/*	/etc/default/login /etc/profile	/etc/profile /etc/security/ /etc/skel/ /etc/profile.d/*	/usr/bin/defaults	/etc/profile /etc/security/	/etc/profile /etc/skel/* login.conf	/esc/skes/	/etc/default/login /etc/profile \$HOME/.profile	?	/etc/default/login /etc/profile /etc/security/	/etc/profile	/etc/skel /etc/profile	/etc/skel /etc/profile	udbgen nu scripts	define user defaults
csh global .login	/etc/csh.login	?	?	/etc/csh.login	/etc/csh.login	/etc/cshrc	/etc/csh.login	/etc/csh.login	/etc/.login	/etc/csh.login	/etc/csh.login	?	?	/etc/.login	? /var/adm/messages		? /var/adm/messages	/etc/login	csh 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/sulog /var/spool/mqueue/syslog	/var/adm/SYSLOG /var/adm/sulog	/var/log/syslog /var/log/messages /usr/adm/messages /var/log/maillog	/var/log/system.log	/var/adm/streams /var/adm/usererr /etc/.osm	/var/log/messages	/var/log/messages	/var/adm/log/messages	/usr/adm/syxlog /var/adm/log/osmlog	/ww/log/gwlog	/var/adm/messages /var/log/syslog (sendmail)	/var/adm/messages /var/adm/syslog.dated (kern, auth, daemon, lpr, syslog, user)	/var/adm/messages /var/adm/syslog.dated (kern, auth, daemon, lpr, syslog, user) /var/adm/binary.errlog	/usr/adm/messages	default syslog and messages

## Rosetta Stone for Unix

Rosella S	Rosetta Stone for Unix																		
system error reporting tool	спрі	cript	admsyslog -o report	dmesg send-pr	smh (11.31+) dmesg sysdiag (9 and early10) stm/cstm/mstm/xstm (10.20+)	availmon	dmesg (deb) reportbug	Console /var/log/crash.log, dmesg	odm	dmesg cat /kern/msgbuf send-pr	dmesg sendbug	sysadm log3 WebSyxAdmin	dmesg	prtdiag	dmesg	(4.x) uerf; dia (DECevent) (5.x) (System errors) EVM (evmget; evmshow) (Hardware errors) dia; ca (Compqaq analyze)	uerf		system error reporting tool
performance monitoring v.	ftp://ftp.software.ibm.com/ aix/tools/perfftools/perffrmt vmstat; iostat; sar; filemon; topas; trace; svmon; netpmon; proctree	?	sar netstat uustat	fstat; nfsstat; systat; vmstat; netstat; uustat; top; iostat; gstat	caliper top; sar; vmstat; iostat; nfsstat; netstat; uustat; Glance(\$) ptree (11.31+)	routervis; nstats; top	procinfo -D top htop pstree	top	nfsstat; pppstat; smtpstat; snmpstat; uustat; top	vmstat; top; fstat; nfsstat	fstat; iostat; netstat; nfsstat; pstat; systat; top; vmstat;	vmstat; mpstat; dkstat; sar; netstat; sestat	sar	pestat; trapstat; vmstat; ptree	iostat; netstat; vmstat	iostat; nfsstat; vmstat /usr/opt/sv4b/bin/sar monitor	iostat; nfsstat; vmstat /usz/opt/sv4b/bin/sar	sar; xsar; tsar; xsam; xscc; xns; xnetmon; nfsstat; perfmon; ja; mppview; xmppview; sam; csam	performance monitoring
match process to file or port p	procfiles (5.2+, files only)	?	fuser		lsof fuser		lsof netstat -atup	Isof	fuser	fstat sockstat	fstat	fuser		fuser lsofi pfiles	?	?	?	?	match process to file or port
collect various logs ?	?	?	?	?	, P		(rh)sysreport; sosreport	? osascript -e 'tell application	?	?	?	?	?	/opt/SUNWexplo/bin/explorer	?	?	?	?	collect various logs
	/usr/dt/bin/dterror.ds	?	?					"Finder" to display dialog "msg"	?	xmessage	/usr/X11R6/bin/xmessage		?	/usr/dt/bin/dterror.ds	?	?	?		Х рор-ир
Wikipedia	AIX	A/UX	DG/UX	FreeBSD	HP-UX	IRIX	Linux	Mac OS X	NCR Unix	NetBSD	OpenBSD	Reliant	SCO UnixWare	Solaris http://opensolaris.org/os/about/faq/	SunOS 4	Tru64	Ultrix	UNICOS	Wikipedia
FAQs (see also <u>faqs.org</u> )	www.faqs.org/faqs/ aix-faq'partl/ preamble.html	christtrekker.users.sourceforge.net/ doc/aux/faq.html	g/www-esc.dg.com/esc/ dguxfaqs1.asp	www.freebsd.org/doc/ en_US.JSO8859-l/books/faq	www.faqs.org/faqs/ hp/hpux-faq/preamble.html		0 www.debian.org/doc/ FAQ	www.darwinfo.org/ faq.shtml www.macosxhints.com	?	www.netbsd.org/ docs	www.openbsd.org/fag	?	pcunix.com/SCOFAO/	www.faqs.org/faqs/Solaris2/ FAQ/ www.faqs.org/faqs/Solaris2/	www.faqs.org/faqs/ comp-sys-sun-faq/	www.2.tru64.org/faq/ rru64_faq.php	www.supelec.fr/decus faq/faq-ultrix.html	. www.spikynorman .net	FAQs (see also <u>faqs.org</u> )
mailing list p	AIX-L@pucc. princeton edu (LISTSERV)	n/a	?	lists.freebsd.org/maiiman/listinto	hpux-admin@dutchworks.nl (mijordomo)	?	www.linumanagers .org www.linux.org/ help/lists.html	lists.apple.com	?	www.netbsd.org/ MailingLists	www.openbsd.org/ mail.html	?		sun-managers@surmanagers .org (majordomo)	sun-managers@ sunmanagers .cccs.uc.edu (majordomo)	tru64-unix-man agers@oml.gov (majordomo) http://www.ornl.gov/its/archives mailing-lists/	decstation-man agers@oml.gov (majordomo)	?	mailing list
mailing list archives	www.marist. cdu/htbin/wlvindex? ADSM-L marc.theaimsgroup.com/ ?l=aix-l&r=1&w=2	n/a	?	lists.freebad.org/mailman/listinfo	www.dutch works.nl/ htbin-hpsysadmin	2	www.linuxmanagers.org/ pipermail/linuxmanagers lists.debian.org	lists apple.com			www.openbsd.org/ mail.html	?		www.summanagers.org/ archives.html www.latech. edu/sunman.html	www.latech. cdu/sunman.html	www-archive. oml.gov-8000	www-archive. oml. gov:8000	?	mailing list archives
www.freebsd.org/ tr cgi/man.cgi b	base/commandsreference.htm	n/a	?	man.freebsd.org	hpuxman_pages.html	techpubs.sgi.com/ library/tpl/cgi- bin/browse.cgi? coll=&db=man	www.linuxmanpages.com/ Fedora Core 4: linuxcommand.org/ superman_pages.php www.tldp.org/docs.html#man	developer.apple.com/ documentation/Darwin/ Reference/ManPages an	?	man.netbsd.org	www.openbsd.org/cgi. bin/man.cgi	?	uw714doc.sco.com/en/Navpages/	docs.sun.com/ dappidocs/ coll/40.10	?	?	?	?	man pages www.freebsd.org/ cgi/man.cgi
newsgroup(s) and forums groups.google	comp.unix.aix www.thp.uni-duisburg.de/ cuaix/cuaix.html	comp.unix.aux	comp.os.aos	comp.unix.bsd freebsd.misc forums.freebsd.org	comp.sys.hp.hpux	comp.sys.sgi.admin	comp.os.linux.* (esp .answers)	comp.sys.mac.*	comp.sys.ncr	comp.unix.bsd. netbsd.misc	comp.unix.bsd. openbsd.misc lucky.openbsd.misc	de.comp.os.unix.sinix	comp.unix.sco.misc		comp.sys.sun admin	comp.sys.dec. comp.unix.tru64	comp.unix.ultrix	comp.unix.cray	newsgroup(s) and forums groups.google
user groups w	www.userblue.org	n/a	?	www.freebsd.org/ support.html/fuser	connect-community.org hp-interex.com encompassus.org hpsechnology forum.com forums.itrc.hp.com HP.DSPP	?		www.apple.com/ usergroups www.omnigroup.com/ developer/mailinglists www.themacintoshguy. com/lists/X.html	?	www.netbsd.org/gallery/ groups.html	undeadly.org	?	?	opensolaris.org/os/community/ advocacy/usergroups/ug-leaders/	?	Encompass/DECUS	?	www.cue.org www.excray.com	user groups
magazines A	n/a	n/a	2	daemonnews.org bsdmag.org freebsdnews.net		www.sgi.com/support/ pipeline.html	www.linuxjournal.com www.linux-mag.com www.debianplanet.org	www.macworld.com www.stepwise.com	?	www.daemonnews.com	undeadly.org	?	?	www.sunworld.com sun.com/sun-on-net/itworld	?	www.tru64.org	?	?	magazines
vendor home page	collaboration/ wiki/display/WikiPtype/Home	n/a	www-csc.dg.com/ csc/default.asp	www.freebsd.org		www.sgi.com/software/ software.html#IRIX	www.linux.org www.debian.org gentoo.org www.redhat.com (SUSE) www.novell.com/linux	www.apple.com	ncr.com teradata.com	www.netbsd.org	www.openbsd.org	www.fujistu-siemens.com	products/openunix	sun.com/solaris sun.com/bigadmin sun.com/developes/support soldc.sun.com access1.sun.com opensolaris.org	?	www.tru64unix compaq.com	www.supelec.fr/decus faq/faq-ultrix.html	www.crav.com	vendor home page
vendor docs and patches (see	www.redbooks.ibm.com www.ibm.com/ developervorks/aix techsupport.services, ibm.com/ server/support2 view-pSeries		www-esc dg.com/esc/ custdocsasp/ custdocs2.asp? category=069docs.asp	www.freebsd.org/releases/	software.hp.com does.hp.com itre.hp.com	grelnotes grelnotes	pmfind.net/linux/RPM		www.info.ner.com/ sCRM: OSHW-Browse By-Results.cfm ?ole-&PID-&title= &release= &pl-Software %20-%20 MP-RAS&sbrn=3	www.netbsd.org/ Security	www.openbsd.org/ docum.html www.openbsd.org/ errata.html www.openbsd.org/ security.html	service fuitsu-siemens com its siemens com lobs/its/ its se/eks_en/unix_en.htm		docs.sun.com sunsolve.sun.com	?	www.tru64unix .compaq.com/docs	N/A (EUL)	craydoc	vendor docs and patches (see also man pages)
vendor phone (US)	800-426-7378 (800-IBM-SERV)	(EOL; unsupported)	?	925-674-0783 (FreeBSD Mall)	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)
wikis y	www.ibm.com/developerworks/ wikis/display/WikiPtype/Home	?	?	wiki.freebsd.org	?	?	fedoraproject.org/ wiki/Main_Page (fed) susewiki.org (SUSE)	wiki.osx86project.org	?	?	www.openbsd-wiki.org	?	?	wikis.sun.com www.big-up.org/menu/wiki/doku.php	?	?	?	?	wikis
TASK / OS	AIX	A/UX	DG/UX	FreeBSD	HP-UX	IRIX	Linux	Mac OS X	NCR Unix	NetBSD	OpenBSD	Reliant	SCO OpenServer	Solaris	SunOS 4	Tru64 (Digital Unix, OSF/1) (4) 4.0F/G (5) 5.0A	Ultrix	UNICOS	OS \ TASK

2. Freeware or separately downloadable; not part of the base OS. See the precompiled binaries task or web search.

3. Gentoo does not have precompiled packages. It compiles them on your computer. It also has some "overlays" for packages that are not (yet) in the main portage tree. See <a href="http://overlays.gentoo.org/">http://overlays.gentoo.org/</a>

4. ioscan -funC disk may be helpful here to determine device path.

 $5. \ Architecture-specific. See \underline{http://www.openbsd.org/cgi-bin/cvsweb/src/distrib/}{^{\phi/\phi}/install.md} \ for \ details.$ 

Universal Command Guide is a large book which covers several of the OSs in this table.

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

Colin Barschel's Unix Toolbox chave imixtoolbox.xhtml is a wonderfully detailed handbook sorted by task area and giving both commands and config file excerpts for Linux and BSD.

Solaris / HP-UX / FreeBSD / Linux / AIX: www.unixporting.com/quickguide.html

Solaris / HP-UX: soldc.sun.com/migration/hpux/migissues/. If that page no longer exists, get an archived version from the Internet Archive Wayback Machine at <a href="https://www.nchive.org/web/web.php">www.nchive.org/web/web.php</a>

Unix / DOS: yolinux.com/TUTORIALS/unix\_for\_dos\_users.html

Unix / TSO mainframe: yolinux.com/TUTORIALS/LinuxTutorialLinuxForMainframers.html

Unix history time line: www.levenez.com/unix/

Unix cheat sheet: www.rain.org/~mkummel/unix.html

 $\label{total unix summary: www.math.utah.edu/lab/unix/unix-commands.html} Unix summary: \underline{www.math.utah.edu/lab/unix/unix-commands.html}$ 

http://bhami.com/rosetta.html (4 of 5) [7/8/2012 8:33:49 PM]

## Rosetta Stone for Unix

Heiner Steven's AWK dialects page: www.shelldorado.com/articles/awkcompat.htm

 $Ben \ Zom's \ \textbf{Debugging Tools for Dynamic Storage Allocation and Memory Management}: \underline{www.cs.colorado.edu/homes/zom/public_html/MallocDebug.html}$ 

 $Most\ modern\ Unixes\ conform\ to\ the\ \textbf{POSIX}\ standards: \underline{en.wikipedia.org/wiki/POSIX}$ 

en.wikipedia.org/wiki/Comparison\_of\_operating\_systems

en.wikipedia.org/wiki/Comparison\_of\_Linux\_distributions

USENIX: www.usenix.org/

USENIX System Administrator's Guild: sage.org/

League of Professional System Administrators:  $\underline{\mathsf{lopsa.org}}$ 

This page is into "the microscotts have for a product of the microscotts have for a product of the commercial purposes. LDK davi copy, or you will miss supdates! Original concept by Pat Wilson. Thanks to Bits Fault, and Marten Suntesson for the improved AnaScript.