

# All MKS Toolkit Commands

The various MKS Toolkit products include different subsets of commands and utilities. Click the product link on the right to view the product-specific command lists.

\* denotes a Shell built-in  
† denotes a `groff` command  
‡ denotes a command which requires an X Server  
§ denotes a command that applies only to NuTCRACKER Platform applications  
¥ denotes a command whose binary and source code can be found in the [Samples](#) directory of the CD distribution or in the [Resource Kit](#) and is an example of porting UNIX source code with [MKS Toolkit for Enterprise Developers](#)

. \* — execute KornShell script in current environment  
: \* — expand arguments and do nothing, successfully  
[ \* — test for condition  
[[ \* — test for condition  
[64decode.exe](#) — decode a file using base64  
[64encode.exe](#) — encode a file using base64  
[a2p.exe](#) — awk to perl translator  
[addftinfo.exe](#) †¥ — add information to troff font files for use with groff  
[afmtodit.exe](#) †¥ — create font files for use with groff -Tps  
[alias](#) \* — display or create command aliases  
[appc.ksh](#) — arbitrary precision programmable calculator  
[AppPkgWz.exe](#) — Packaging Wizard for deploying MKS Toolkit ported applications.  
[appres.exe](#) ‡ — list X application resource database  
[ar.exe](#) — create and maintain library archives  
[asa.exe](#) — interpret ASA/FORTRAN carriage control  
[assoc.ksh](#) — set file extension association  
[at.exe](#) — execute commands at a later time  
[atobm.exe](#) ‡ — bitmap editor and converter for the X Window System  
[autoload](#) \* — display or modify Shell functions  
[autorun.ksh](#) — specify programs to run on bootup or login under Win32  
[awk.exe](#) — data transformation, report generation language  
[awkc.exe](#) — compile AWK programs into executables  
[banner.exe](#) — display text in large font  
[basename](#) \* — display file name component of path name  
[basename.exe](#) — display file name component of path name  
[bash.exe](#) — Bourne Again shell and command interpreter  
[batch.exe](#) — execute commands at a later time  
[bc.exe](#) — arbitrary-precision arithmetic calculation language  
[bdiff.exe](#) — compare two text files and show differences  
[bindres.exe](#) — encode resources and insert them into a specified text file  
[bitmap.exe](#) ‡ — bitmap editor and converter for the X Window System  
[bmtoa.exe](#) ‡ — bitmap editor and converter for the X Window System  
[break](#) \* — exit from loop in a KornShell script  
[builtin](#) \* — execute a simple command  
[bunzip2.exe](#) — compress or decompress files using block-sorting  
[bz2cat.exe](#) — compress or decompress files using block-sorting  
[bzcmp.sh](#) — compare bzip2 compressed files  
[bzdiff.sh](#) — compare bzip2 compressed files  
[bzegrep.sh](#) — search possibly bzip2 compressed files for a regular expression  
[bzfgrep.sh](#) — search possibly bzip2 compressed files for a regular expression  
[bzgrep.sh](#) — search possibly bzip2 compressed files for a regular expression  
[bzip2.exe](#) — compress or decompress files using block-sorting  
[bzip2recover.exe](#) — compress or decompress files using block-sorting  
[bzless.sh](#) — display bzip2 compressed files on a page-by-page basis  
[bzmore.sh](#) — display bzip2 compressed files on a page-by-page basis  
[c.exe](#) — produce multi-column output  
[cal.exe](#) — display a calendar for a month or year  
[calendar.exe](#) — appointment reminder system

`cat.exe` — concatenate and display text files  
`cc.exe` — interface to Microsoft C compiler (MKS Toolkit UNIX APIs)  
`cd *` — change working directory  
`cdate.exe` — converts a date and time in traditional format and displays it as seconds since midnight on January 1, 1970  
`chacl.exe` — change the access control list on Windows NT/2000 objects  
`chgrp.exe` — change the group ownership of files and/or directories  
`chmod *` — change access permissions of a file  
`chmod.exe` — change access permissions of a file  
`chown.exe` — change the ownership of files and/or directories  
`cksum.exe` — compute checksum and byte count for file  
`clean64.exe` — fix 64-bit UNIX source for the Win64 environment  
`clear.exe` — clear screen  
`cmp.exe` — compare two files  
`col.exe` — remove reverse line-feeds  
`color.exe` — set default foreground and background colors for console window  
`comm.exe` — compare sorted files and show differences  
`command *` — execute a simple command  
`compress.exe` — Lempel-Ziv compression of a file; no longer supported  
`connrlogin.ksh` — launch a remote login session  
`connrsh.ksh` — launch a remote shell session  
`connssh.ksh` — launch a secure shell session  
`continue *` — skip to next iteration of loop in shell script  
`cp.exe` — copy files  
`cpio.exe` — archiver to copy and back up files  
`cpp.exe` — C preprocessor  
`cppstdin.ksh` — run a C preprocessor on the standard input stream  
`crontab.exe` — schedule regular background jobs  
`crypt.exe` — encryption/decryption filter  
`csh.exe` — C shell, a shell (command interpreter) with C-like syntax  
`csplit.exe` — split a text file according to criteria  
`ctags.exe` — produce tags file for `ex`, `more` and `vi`  
`ctime.exe` — formats and displays dates  
`cut.exe` — selectively display fields or characters from input lines  
`cxx.exe` — interface to Microsoft C compiler for C++ (MKS Toolkit UNIX APIs)  
`date *` — set and display date and time  
`date.exe` — set and display date and time  
`db.exe` — send SQL queries to a database via ODBC  
`dc.exe` — arbitrary precision desk calculator  
`dd.exe` — copy and convert input blocks  
`dde.exe` — perform DDE client operations  
`declare *` — assign attributes and values to Shell variables  
`deroff.exe` — remove `nroff`/`troff` formatter commands, prepare word list  
`desktop.exe` — simple command line desktop manipulation  
`dev.exe` — display device driver information  
`df.exe` — display amount of free space remaining on disk  
`dgstsum` — create and check message digests  
`diff.exe` — compare two text files and show differences  
`diff3.exe` — compare three text files  
`diffb.exe` — compare binary files and show differences  
`diffh.exe` — compare two text files and show differences  
`dircmp.exe` — compare directories  
`dirname *` — display directory components of path name  
`dirname.exe` — display directory components of path name  
`dirs *` — display all elements in the directory stack  
`dlg *` — load and manage Windows dialog boxes  
`domain.exe` — display Windows NT/2000 domain information  
`dosname.exe` — display the short name (8.3) or long name equivalent of file names  
`du.exe` — summarize file space usage  
`echo *` — display arguments

`echo.exe` — display arguments  
`ed.exe` — line-oriented text editor  
`editres.exe` ‡ — a dynamic resource editor for X applications  
`egrep.exe` — match patterns in a file  
`encode_keychange.exe` — Internal SSH command  
`env.exe` — display environment, set environment for process  
`eqn.exe` ¥ — format equations for troff  
`eval *` — evaluate arguments in the KornShell  
`eventlog.exe` — read, write, backup, enumerate, count, clear, and display an event log  
`ex.exe` — text editor  
`exec *` — execute a command in place of the current shell  
`exit *` — exit from the KornShell  
`expand.exe` — expand tabs to spaces  
`export *` — mark names for export  
`expr.exe` — evaluate expression  
`false *` — fail, quietly  
`false.exe` — fail, quietly  
`fc *` — display, fix, edit and re-enter previous KornShell commands  
`fgrep.exe` — match patterns in a file  
`file.exe` — determine file type  
`filebox.exe` — display an open or save dialog box  
`filever.exe` — display file version information  
`find.exe` — find files within file tree  
`flip.exe` — convert text files between UNIX style and PC style  
`fmt.exe` — simple text formatter  
`fold.exe` — break lines into shorter lines  
`fping.exe` — send ICMP ECHO\_REQUEST packets to network hosts  
`fsinfo.exe` ‡ — X font server information utility  
`fsfonts.exe` ‡ — list fonts served by X font server  
`fstobdf.exe` ‡ — generate BDF font from X font server  
`ftype.ksh` — set file type association  
`functions *` — display or modify KornShell functions  
`g++` — GNU C++ compiler  
`gawk.exe` ¥ — pattern scanning and processing language  
`gcc.exe` — GNU C compiler  
`gdb.exe` — GNU debugger  
`gdf.ksh` — graphically display the amount of free space remaining on a disk  
`gdir *` — graphically display and manage the current directory stack  
`gencat.exe` — generate formatted message catalog  
`getconf.exe` — display POSIX configuration information  
`getopt.exe` — external command to parse shell file options  
`getopts *` — parse options from shell script command line  
`ghist *` — display and manage command history from a scrollable dialog box  
`gmake.exe` ¥ — GNU make utility to maintain groups of programs  
`gman.exe` ¥ — display both standard and groff reference pages  
`gps.ksh` — display and manage process statuses in a scrollable dialog box  
`grconfig.ksh` — graphically configures the rshd and rexecd services  
`grep.exe` — match patterns in a file  
`gres.exe` — substitute for a pattern in a file  
`grodvi.exe` †¥ — convert groff output to TeX dvi format  
`groff.exe` †¥ — front end for the groff document formatting system  
`grog.exe` †¥ — guess options for groff command  
`grohtml.exe` †¥ — HTML driver for groff  
`grolj4.exe` †¥ — groff driver for HP Laserjet 4 family  
`grops.exe` †¥ — PostScript driver for groff  
`grotty.exe` †¥ — groff driver for typewriter-like devices  
`groupinfo.exe` — manipulate Windows NT/2000 group information  
`gset *` — graphically define KornShell settings  
`gunzip.exe` ¥ — compress or expand files  
`gvar *` — graphically view or define KornShell variables, parameters, functions, and aliases

gzcat.exe ¥ — compress or expand files  
gzip.exe ¥ — compress or expand files  
halt.exe — shut down the system  
hash \* — create a tracked alias  
hd.exe — formatted file dump  
head.exe — display first part of file  
help.exe — display brief command explanations  
hist \* — display, fix, edit and re-enter previous KornShell commands  
history \* — display shell command history  
hostinfo.exe — display name, IP address, and aliases of host  
hpftodit.exe †¥ — create font description files for use with groff -Tlj4  
htdiff.exe — compare two HTML files and display differences  
htsplit.exe — split an HTML file into tokens  
htstrip.pl — strip tags from HTML file  
iceauth.exe ‡ — ICE authority file utility  
iconv.exe — convert characters from one code set to another  
id.exe — display user and group names  
igawk.ksh ¥ — gawk with include files  
imake.exe — C preprocessor interface to make utility  
imapmail.exe — retrieve, delete, and display mail messages from IMAP format mailboxes  
indxbib.exe †¥ — make inverted index for bibliographic databases  
infocmp.exe — compare or print out *terminfo* descriptions infocmp - compare or print out terminfo descriptions  
install.exe ¥ — copy files and set attributes  
integer \* — declare an integer variable  
ipcrm.exe § — remove message queue, semaphore, or shared memory identifiers  
ipcs.exe § — display information about active IPC facilities  
jobs \* — display the status of jobs in the current session  
join.exe — join two sorted, textual relational databases  
kill \* — terminate process  
kill.exe — terminate process  
ksh.exe — POSIX-compliant (Korn) shell and command interpreter  
kterm.exe — multi-lingual terminal emulator for X  
launch\_xterm.ksh — launch an xterm session  
lc.exe — list file system elements in categories  
ld.exe — interface to system linker  
let \* — evaluate arithmetic expressions  
lex.exe — generate programs for simple lexical tasks  
line.exe — copy one line of standard input  
lkbib.exe †¥ — search bibliographic databases  
ln.exe — create a link to a file  
local \* — assign attributes and values to Shell variables  
logname.exe — display user name  
look.exe — find lines in a sorted file which begin with string  
lookbib.exe †¥ — search bibliographic databases  
ls.exe — list file and directory names and attributes  
lsacl.exe — list access control lists for object  
lsshare.exe — list details of shares, computers, and network resources  
m4.exe — macro processing language  
mailx.exe — read electronic mail  
make.exe — maintain program-generated and interdependent files  
makedepend.exe — create dependency lists for C/C++ source  
makeg.sh — run make with options necessary to make a debuggable executable  
man.exe — display online reference pages  
manstrip.exe — strip the unprintable sequences out of online reference pages  
mapimail.sh — send mail on a Win32 system using the MSMApi32 ActiveX COM object  
md2sum — create and check message digests  
md4sum — create and check message digests  
md5sum — create and check message digests  
mdc2sum — create and check message digests  
member.exe — manipulate Windows NT/2000 group membership

mergelib.sh — merge one library into another  
miniperl.exe — practical extraction and report language  
mkcatdefs.exe — preprocess a message file  
mkdir \* — create a new directory  
mkdir.exe — create a new directory  
mkdirhier.sh — make a directory hierarchy  
mkfifo.exe § — create FIFO special files  
mks\_env\* — save, restore, and delete shell environments  
mksauth.exe — password authentication service  
mkscgi.exe — run scripts on HTTP server through Common Gateway Interface  
mksdiag.exe — check MKS Toolkit configuration  
mkshare.exe — create share  
mksinfo.exe — display product serial number and other MKS information  
mksrv — run program or script as service  
mkszip.exe — compress a file  
mktemp — create unique temporary file  
mkurl.exe — create or modify a URL based on its component parts  
more.exe — display files on a page-by-page basis  
mount.exe — mounts file systems  
msgbox.exe — display a message box and get response from user  
mt.exe — magnetic tape control  
mv.exe — rename and move files and directories  
ncenv.cmd — configure NuTCRACKER Platform development environment  
ncf77.exe — interface to Absoft Fortran 77 compiler  
ncf90.exe — interface to Absoft Fortran 90 compiler  
ncoenv.exe — NuTCRACKER Workstation environment  
netnews.exe — send and receive network news messages  
nl.exe — number lines  
nm.exe — display symbol table of object, library, or executable file  
nroff.exe †¥ — emulate nroff command with groff  
ntps.exe — display process status  
oclock.exe ‡ — round X clock  
od.exe — formatted file dump  
openssl.exe — OpenSSL command line tool  
pack.exe — compress files by Huffman encoding  
passwd.exe — change a password  
paste.exe — horizontally concatenate lines  
patch.exe — change file using diff output  
pathchk.exe — check path names  
pax.exe — archiver for data interchange and file backup  
pcat.exe — display Huffman packed files on standard output  
pending.sh — display file operations due to occur at reboot  
perl.exe — practical extraction and report language  
perror.exe — print error message for NuTCRACKER Platform error code  
pfbtops.exe †¥ — translate a PostScript font in .pfb format to ASCII  
pg.exe — interactively display files  
pic.exe †¥ — compile pictures for troff or TeX  
pop3mail.exe — retrieve, delete, and display mail messages from POP3 format mailboxes  
popd \* — remove an element from the directory stack  
portcheck.exe — scan ports to verify if they are in use and whether HTTP, FTP, SMTP, or telnet sessions exist on those ports  
pr.exe — display and format files  
print \* — display arguments from the KornShell  
printenv.exe — display environment variables and their values  
printf \* — display a formatted string  
printf.exe — display a formatted string  
priv.exe — manipulate rights/privileges lists  
process.exe § — report NuTCRACKER Platform process information  
proxymngr.exe ‡ — proxy manager service  
ps.exe — display process status

[psbb.exe](#) †‡ — extract bounding box from PostScript document  
[pscript.dll](#) — active perl scripting engine  
[pushd \\*](#) — push a directory onto a directory stack  
[pwd \\*](#) — display working directory  
[pwd.exe](#) — display working directory  
[pwrmgr](#) — list and change power schemes  
[r \\*](#) — edit and re-execute previous command  
[ranlib.exe](#) — convert archives to random libraries  
[rconfig.sh](#) — configures the rshd and rexecd services  
[rcp.exe](#) — remote file copy  
[read \\*](#) — input a line to the KornShell  
[readonly \\*](#) — mark KornShell variable as read-only  
[red.exe](#) — line-oriented text editor  
[refer.exe](#) †‡ — preprocess bibliographic references for groff  
[registry.exe](#) — display and modify the Windows Registry Database  
[regps.ksh](#) — register PScript for IIS and ASP  
[resh.exe](#) — POSIX-compliant restricted shell and command interpreter  
[resize.exe](#) — set TERMCAP and terminal settings to current xterm window size  
[return\\* \\*](#) — return from a shell function or . (dot) script  
[rev.exe](#) — reverse character order of input lines  
[rexec.exe](#) — remote execution  
[rexecd.exe](#) — remote execution service  
[ripemd160sum](#) — create and check message digests  
[rlogin.exe](#) — remote login  
[rlogind.exe](#) — remote login service  
[rm \\*](#) — remove files  
[rm.exe](#) — remove files  
[rmdir \\*](#) — remove directory  
[rmdir.exe](#) — remove directory  
[rmshare.exe](#) — remove share  
[rsetup.exe](#) — set up Windows NT LSA database entries  
[rsh.exe](#) — remote shell  
[rshd.exe](#) — remote shell service  
[scp.exe](#) — secure copy (remote file copy program)  
[secsh-add.exe](#) — adds RSA or DSA identities for the authentication agent  
[secsh-agent.exe](#) — authentication agent  
[secsh-askpass.exe](#) — Internal SSH command  
[secsh-keygen.exe](#) — authentication key generation, management and conversion  
[secsh-keyscan.exe](#) — gather ssh public keys  
[secsh.exe](#) — OpenSSH SSH client (remote login program)  
[secshd.exe](#) — OpenSSH Secure Shell service  
[sed.exe](#) — stream editor (non-interactive)  
[sendevent.exe](#) — send events to the current window such as keystrokes, mouse movement, and clicks  
[service.exe](#) — manage Windows NT/2000 services  
[set \\*](#) — set KornShell flags and positional parameters  
[sftp-server.exe](#) — SFTP server subsystem  
[sftp.exe](#) — secure file transfer program  
[sh.exe](#) — POSIX-compliant shell and command interpreter  
[sha1sum](#) — create and check message digests  
[shasum](#) — create and check message digests  
[shexec](#) — perform Windows operation on an application, document, or folder  
[shift \\*](#) — shift KornShell positional parameters  
[shopt\\* \\*](#) — control optional shell behaviour  
[shortcut.exe](#) — create an explorer shortcut file  
[showrgb.exe](#) ‡ — uncompile an rgb color-name database  
[shutdown.exe](#) — shut down the system with warning  
[sid.exe](#) — display user's security identifier  
[size.exe](#) — display object file sizes  
[sleep.exe](#) — suspend execution for a specified time  
[smproxy.exe](#) ‡ — session manager proxy

[smtpmail.exe](#) — send mail using SMTP

[snetnews.exe](#) — send and receive encrypted network news messages

[snmpbulkget.exe](#) — communicate with a network entity using SNMP BULK GET requests

[snmpbulkwalk.exe](#) — communicate with a network entity using SNMP BULK WALK requests

[snmpdelta.exe](#) — monitor deltas of integer valued SNMP variables

[snmpdf.exe](#) — get a listing of disk space usage on a remote machine via SNMP

[snmpget.exe](#) — communicate with a network entity using SNMP GET requests

[snmpgetnext.exe](#) — communicate with a network entity using SNMP GET NEXT requests

[snmpinform.exe](#) — send an SNMP TRAP message to a host

[snmpnetstat.exe](#) — show network status using SNMP

[snmpset.exe](#) — communicate with a network entity using SNMP SET requests

[snmpstatus.exe](#) — retrieve important information from a network entity

[snmpstat.exe](#) — obtain and print an SNMP table

[snmptest.exe](#) — communicate with a network entity using SNMP GET requests

[snmptranslate.exe](#) — translate SNMP OID values into more useful information

[snmptrap.exe](#) — send an SNMP TRAP message to a host

[snmptrapd.exe](#) — service to receive and log SNMP trap messages

[snmpusm.exe](#) — create and maintain SNMPv3 users on a remote entity

[snmpvacm.exe](#) —

[snmpwalk.exe](#) — communicate with a network entity using SNMP GET NEXT requests

[soelim.exe †‡](#) — interpret .so requests in groff input

[sort.exe](#) — sort/merge utility

[source \\*](#) — execute Shell script in current environment

[spell.exe](#) — detect spelling errors

[split.exe](#) — split a file into manageable pieces

[ssh-add.exe](#) — adds RSA or DSA identities for the authentication agent

[ssh-agent.exe](#) — authentication agent

[ssh-askpass.exe](#) — Internal SSH command

[ssh-keygen.exe](#) — authentication key generation, management and conversion

[ssh-keyscan.exe](#) — gather ssh public keys

[ssh.exe](#) — OpenSSH SSH client (remote login program)

[start.exe](#) — start a new program in another window

[stat.exe](#) — retrieve and display file information in a similar manner as the stat() function

[strerror.exe](#) — display a system error message

[strings.exe](#) — display printable strings in binary files

[strip.exe](#) — remove debug information from executable files

[stty.exe](#) — set or display terminal options

[su.exe](#) — substitute user

[sum.exe](#) — compute checksum and block count for file

[sync.exe](#) — update the disk

[sysinf.exe](#) — display technical system information

[tail.exe](#) — display last lines of a file

[tar.exe](#) — USTAR-compatible tape archiver to copy and back up files

[taskrun.exe](#) — set up standard input for command, run command, and save output

[tb \\*](#) — modify KornShell Windows toolbar on Windows 95/98.

[tbl.exe †‡](#) — format tables for troff

[tclsh.exe](#) — simple shell containing Tcl interpreter

[tcltest.exe](#) — test harness support code and utilities

[tee.exe](#) — clone output stream

[teln.cmd](#) — launch a telnet client

[telnetd.exe](#) — DARPA TELNET protocol service

[test \\*](#) — test for condition

[test.exe](#) — test for condition

[tfmtoedit.exe †‡](#) — create font files for use with groff -Tdvi

[tic.exe](#) — the terminfo entry-description compiler tic - the terminfo entry-description compiler

[time \\*](#) — display CPU and elapsed times for commands

[time.exe](#) — display CPU and elapsed times for commands

[times \\*](#) — display user and system times used by the KornShell and its children

[tksched.exe](#) — MKS Toolkit Scheduler

[touch \\*](#) — change file modification date

[touch.exe](#) — change file modification date  
[tput.exe](#) — initialize a terminal or query terminfo database tput - initialize a terminal or query terminfo database  
[tr.exe](#) — translation filter  
[trap \\*](#) — intercept abnormal conditions and interrupts  
[true](#) — format documents  
[true.exe \\*](#) — do nothing, successfully  
[truss.exe §](#) — trace command  
[tset.exe](#) — terminal initialization tset, reset - terminal initialization  
[tsort.exe](#) — topological sort  
[tty.exe](#) — display terminal name  
[twm.exe ‡](#) — Tab Window Manager for the X Window System  
[type \\*](#) — identify how KornShell interprets name  
[typeset \\*](#) — assign attributes and values to KornShell variables  
[ugrep.ksh](#) — search for regular expressions from a dialog box  
[uil.exe ‡](#) —  
[umask \\*](#) — get or set the file mode creation mask  
[umount.exe](#) — unmount file systems  
[unalias \\*](#) — remove alias definitions  
[uname \\*](#) — display system name information  
[uname.exe](#) — display system name information  
[uncname.exe](#) — return the UNC name for a specified file  
[uncompre.exe](#) — undo compression of a file  
[uncompress.exe](#) — undo compression of a file  
[unexpand.exe](#) — compress spaces into tabs  
[uniq.exe](#) — display unique lines of sorted file  
[units.exe](#) — units conversion utility  
[unpack.exe](#) — decode Huffman packed files  
[unset \\*](#) — remove KornShell variable or function  
[unzip.exe](#) — list, test, and extract compressed files in a ZIP archive  
[uptime.exe](#) — display how long system has been running  
[url.exe](#) — parse Uniform Resource Locators (URLs)  
[userinfo.exe](#) — manage Windows NT/2000 user information  
[uudecode.exe](#) — decode file encoded with uuencode  
[uuencode.exe](#) — encode a file in 7-bit characters  
[vdiff32.exe](#) — compare two text files and show differences  
[vi.exe](#) — display-oriented interactive text editor  
[view.exe](#) — read only version of VI  
VisualSFTP — Windows Explorer extension for secure remote file manipulation through SSH protocol  
[viw.exe](#) — Windows version of VI  
[vpax.exe](#) — (Visual Pax) graphical interface to pax, cpio, and tar archives  
[wait \\*](#) — wait for process to complete  
[wc.exe](#) — count of newlines, words, bytes, and characters  
[wcopy.exe](#) — copy from a specified file or standard input to the Windows clipboard  
[web.exe](#) — transfer files to or from a web server  
[whence \\*](#) — identify how KornShell interprets command name  
[whereis.exe](#) — display full path name for executable command  
[which.exe](#) — display full path name for executable command  
[who.exe](#) — display information about current users  
[whoami.exe](#) — display username  
[winctrl.exe](#) — resize, close, change focus, and otherwise manipulate windows and dialog boxes  
[windir.exe](#) — display names and paths of Windows directories  
[wml.exe ‡](#) —  
[wpaste.exe](#) — write clipboard text to standard output or a specified file  
[ws.exe](#) — display the name of the current workstation or desktop  
[wstart.exe](#) — start a new program in another window  
[wts.exe](#) — execute commands at a later time  
[x11perf.exe ‡](#) — X11 server performance test program  
[xargs.exe](#) — construct and execute command lines  
[xauth.exe ‡](#) — X authority file utility

xclipboard.exe ‡ — X clipboard client  
xclock.exe ‡ — analog / digital clock for X  
xcmsdb.exe ‡ — device colour characterization utility for X color management system  
xcutsel.exe ‡ — interchange between cut buffer and selection  
xd.exe — formatted file dump  
xdpyinfo.exe ‡ — display information utility for X  
xfd.exe ‡ — display all the characters in an X font  
xfindproxy.exe ‡ — locate proxy services  
xginfo.exe ‡ —  
xhost.exe ‡ — server access control program for X  
xkill.exe ‡ — kill a client by its X resource  
xlogo.exe ‡ — X Window System logo  
xlsatoms.exe ‡ — list interned atoms defined on server  
xlsclients.exe ‡ — list client applications running on a display  
xlsfonts.exe ‡ — server font list displayer for X  
xmag.exe ‡ — magnify parts of the screen  
xmbind.exe ‡ — configure virtual key bindings  
xmkmf.sh ‡ — make a Makefile from an Imakefile from inside or outside the sources  
xmodmap.exe ‡ — utility for modifying keymaps (and pointer buttons) in X  
xprop.exe ‡ — property displayer for X  
xrdb.exe ‡ — X server resource database utility  
xrefresh.exe ‡ — refresh all or part of an X screen  
xset.exe ‡ — user preference utility for X  
xsetroot.exe ‡ — root window parameter setting utility for X  
xsm.exe ‡ — X Session Manager  
xstdcmap.exe ‡ — X standard color map utility  
xterm.exe — terminal emulator for X  
xwd.exe ‡ — dump an image of an X window  
xwininfo.exe ‡ — window information utility for X  
xwud.exe ‡ — image displayer for X  
yacc.exe — yet another compiler-compiler  
zcat.exe — uncompress and display data  
zip.exe — package and compress (archive) files  
zipinfo.exe — list detailed information about a zip archive