

POSIX-2024

Shell & Utilities

Utilities

admin – create and administer SCCS files (DEVELOPMENT)
alias – define or display aliases
ar – create and maintain library archives
asa – interpret carriage-control characters
at – execute commands at a later time
awk – pattern scanning and processing language
basename – return non-directory portion of a pathname
batch – schedule commands to be executed in a batch queue
bc – arbitrary-precision arithmetic language
bg – run jobs in the background
c17 – compile standard C programs
cal – print a calendar
cat – concatenate and print files
cd – change the working directory
cflow – generate a C-language flowgraph (DEVELOPMENT)
chgrp – change the file group ownership
chmod – change the file modes
chown – change the file ownership
cksum – write file checksums and sizes
cmp – compare two files
comm – select or reject lines common to two files
command – execute a simple command
compress – compress and decompress data
cp – copy files
crontab – schedule periodic background work
csplit – split files based on context
ctags – create a tags file (DEVELOPMENT)
cut – cut out selected fields of each line of a file
cxref – generate a C-language program cross-reference table (DEVELOPMENT)
date – write the date and time
dd – convert and copy a file
delta – make a delta (change) to an SCCS file (DEVELOPMENT)
df – report free disk space
diff – compare two files
dirname – return the directory portion of a pathname
du – estimate file space usage
echo – write arguments to standard output
ed – edit text
env – set the environment for command invocation

ex – text editor
expand – convert tabs to spaces
expr – evaluate arguments as an expression
false – return false value
fc – process the command history list
fg – run jobs in the foreground
file – determine file type
find – find files
fold – filter for folding lines
fuser – list process IDs of all processes that are using one or more named files
gencat – generate a formatted message catalog
get – get a version of an SCCS file (DEVELOPMENT)
getconf – get configuration values
getopts – parse utility options
gettext – retrieve text string from messages object
grep – search a file for a pattern
hash – remember or report utility locations
head – copy the first part of files
iconv – codeset conversion
id – return user identity
ipcrm – remove an XSI message queue, semaphore set, or shared memory segment identifier
ipcs – report XSI interprocess communication facilities status
jobs – display status of jobs in the current shell execution environment
join – relational database operator
kill – terminate or signal processes
lex – generate programs for lexical tasks (DEVELOPMENT)
link – call link function
ln – link files
locale – get locale-specific information
localedef – define locale environment
logger – log messages
logname – return the user's login name
lp – send files to a printer
ls – list directory contents
m4 – macro processor
mailx – process messages
make – maintain, update, and regenerate groups of programs

(DEVELOPMENT)

man – display system documentation
mesg – permit or deny messages
mkdir – make directories
mkfifo – make FIFO special files
more – display files on a page-by-page basis
msgfmt – create messages objects from portable messages object source files
mv – move files
newgrp – change to a new group
ngettext – retrieve text string from messages object
nice – invoke a utility with an altered nice value
nl – line numbering filter
nm – write the name list of an object file (DEVELOPMENT)
nohup – invoke a utility immune to hangups
od – dump files in various formats
paste – merge corresponding or subsequent lines of files
patch – apply changes to files
pathchk – check pathnames
pax – portable archive interchange
pr – print files
printf – write formatted output
prs – print an SCCS file (DEVELOPMENT)
ps – report process status
pwd – return working directory name
read – read from standard input into shell variables
readlink – display the contents of a symbolic link
realpath – resolve a pathname
renice – set nice values of running processes
rm – remove directory entries
rm-del – remove a delta from an SCCS file (DEVELOPMENT)
rmdir – remove directories
sact – print current SCCS file-editing activity (DEVELOPMENT)
sccs – front end for the SCCS subsystem (DEVELOPMENT)
sed – stream editor
sh – shell, the standard command language interpreter
sleep – suspend execution for an interval
sort – sort, merge, or sequence check text files
split – split a file into pieces
strings – find printable strings in files
strip – remove unnecessary information from executable files (DEVELOPMENT)

stty – set the options for a terminal
tabs – set terminal tabs
tail – copy the last part of a file
talk – talk to another user
tee – duplicate standard input
test – evaluate expression
time – time a simple command
timeout – execute a utility with a time limit
touch – change file access and modification times
tput – change terminal characteristics
tr – translate characters
true – return true value
tsort – topological sort
tty – return user's terminal name
type – write a description of command type
ulimit – report or set resource limits
umask – get or set the file mode creation mask
unalias – remove alias definitions
uname – return system name
uncompress – compress and decompress data
unexpand – convert spaces to tabs
unget – undo a previous get of an SCCS file (DEVELOPMENT)
uniq – report or filter out repeated lines in a file
unlink – call the unlink function
uucp – system-to-system copy
uudecode – decode a binary file
uuencode – encode a binary file
uustat – uucp status enquiry and job control
uux – remote command execution
val – validate SCCS files (DEVELOPMENT)
vi – screen-oriented (visual) display editor
wait – await process completion
wc – word, line, and byte or character count
what – identify SCCS files (DEVELOPMENT)
who – display who is on the system
write – write to another user
xargs – construct argument lists and invoke utility
xgettext – extract *gettext* call strings from C-language source files (DEVELOPMENT)
yacc – yet another compiler compiler (DEVELOPMENT)
zcat – compress and decompress data