Tech Info Library

A/UX: List of Included Berkeley Utilities (8/94)

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TOPIC -------------------------------------------------------------


A/UX: List of Included Berkeley Utilities.  This list was originally compiled
for A/UX 1.0 but is still applicable to later versions.


DISCUSSION --------------------------------------------------------


Berkeley Enhancements
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Although A/UX is primarily based on AT&T System V, Apple has added many of the
more popular and useful utilities from BSD 4.X (U.C. Berkeley's version of
UNIX).


A/UX supports the following 4.2 BSD utilities:


addbib:create or extend bibliographic database
adventure:an exploration game
aliens:alien invaders attack the earth
apply:apply a command to a set of arguments
apropos:locate commands by keyword lookup
banner7:print large banner on printer
bcd:convert to antique media
biff:be notified if mail arrives and who it is from
ccat:compress and uncompress files, and cat them
chase:escape the killer robots
checknr:check nroff/troff files
chfn:change full name of user
chsh:change default login shell
clear:clears the user's terminal screen
colcrt:filter nroff output for CRT previewing
colrm:remove columns from a file
compact:compress and uncompress files, and cat them
cribbage:the card game cribbage
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ctags:maintain a tags file for a C program
ctags:processes a source program to allow ex/vi editors to quickly find
   function and type definitions.
diction:print wordy sentences; thesaurus for diction
dump:incremental file system dump
expand:expand tabs to spaces, and vice versa
eyacc:modified yacc allowing much improved error recovery
finger:user information lookup program
fish:"go fish" card game
fmt:simple text formatter
fold:fold long lines for finite width output device
fortune:print a random, hopefully interesting, adage
fpr:print Fortran file
from:who is my mail from?
fsplit:split f77, ratfor, or efl files
ftp:file transfer program
groups:show group memberships
head:print the first few lines of a file
hostname:set or print name of current host system
indent:indent and format C program source
indxbib:build inverted index for a bibliography, find references in a
   bibliography
last:indicate last logins of a user
leave:remind you when you have to leave
lookbib:find and insert literature references in documents
lpc:line printer control program
lpd:line printer daemon
lpq:spool queue examination program
lpr:line printer spooler
lprm:remove jobs from the line printer spooling queue
ls7:list contents of directories BSD style
mkstr:create an error message file by massaging C source
netstat:show network status
number:convert Arabic numerals to English
pagesize:print system page size
printenv:print out the environment
rain:animated raindrops display
rcp:remote file copy
rdump:file system dump across the network
refer:find and insert literature references in documents
remsh:remote shell
renice:alter priority of running process by changing nice
reset:reset the terminal to a known state
restore:incremental file system restore
rev:reverse lines of a file
rlogin:remote login
roffbib:run off bibliographic database
rrestore:restore a file system dump across the network
ruptime:show host status of local machines on a network
rwho:who's logged in on local machines
sccs:front end to SCCS
script:make typescript of terminal session
see:see what a file has in it
```

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soelim:eliminate .so's from nroff input
sortbib:sort bibliographic database
strings:find the printable strings in a object, or other binary file
style:analyze surface characteristics of a document
sysline:display system status on status line of a terminal
talk:talk to another user
telnet:user interface to the TELNET protocol
tip:connect to a remote system
trek:trekkie game
tset:set terminal modes to its power-on settings
ul:interprets backspacing to format underlining for line printers
uncompact:compress and uncompress files, and cat them
unexpand:expand tabs to spaces, and vice versa
uptime:show how long system has been up
users:compact list of users who are on the system
uudecode:encode/decode a binary file for transmission via mail
uuencode:encode/decode a binary file for transmission via mail
uusend:send a file to a remote host
vipw:edit the passwd file with vi
w:who is on and what they are doing
whatis:describe what a command is
whereis:locate source, binary, and or manual for program
which:locate a program file including aliases and paths (under csh only)
whoami:print effective current user id
worm:the growing worm game
worms:animate worms on a display terminal
xstr:extract strings from C programs to implement shared strings
yes:be repetively affirmative
```

C Shell

Also included is the U.C. Berkeley command interpreter (C shell). The C shell (csh) is a command interpreter that originated at the University of California at Berkeley. Its command language is somewhat like the C programming language. In addition to the C-like control flow features of its command language, the C shell also has a command history mechanism that enables the user to repeat and edit previous commands, permits commands to have an alternative name or alias, and has built-in job control functions.

Descriptions of the following commands and built-in functions can be found in the "csh(1)" man pages.

```
alias
break
breaksw
case
cd
chdir
continue
default
echo
else
end
```

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endif
endsw
exec
exit
foreach
glob
goto
history
if
kill
login
logout
newgrp
nice
nohup
onintr
rehash
repeat
set
setenv
shift
source
switch
time
umask
unalias
unhash
unset
wait
while
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31 Aug 1992 - REVIEWED for technical accuracy.

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