UNOS 1431

Bell Laboratories

subject: Command Changes Between PWB/UNIX 1.2 and 2.0
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MEMORANDUM FOR FILE

This document provides a list of the commands that have changed between PWB/UNIX™ Release 1.2 and Release 2.0. Commands are described in the following way:

1. Command - This field contains the name of the command.

2. Type - This field describes the type of change to the command as follows:

   - ADD - The command is new in Release 2.0.
   - CHG - The command is changed in Release 2.0.
   - DEL - The command is not supported in Release 2.0.

3. Explanation - This field contains a short description of the type of change.

This list is not meant to be a detailed description of changes. For a detailed description of a changed command the appropriate manual page should be consulted.

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COMMAND	TYPE	EXPLANATION
300(1)	ADD	Replaces gsi(1) in 2.0
4014(1)	ADD	New Tektronix filter.
acct(1m)	CHG	New accounting package, moved from section 8.
ar(1)	CHG	New option "-q" added.
as(1)	CHG	System calls no longer built into assembler.
awk(1)	ADD	New in Release 2.0
bas(1)	DEL	Replaced by bs(1) in Release 2.0
basename(1)	ADD	Shell procedure in Release 2.0
bfs(1)	CHG	Will be in Release 2.0.
bs(1)	ADD	Replaces bas(1) in Release 1.2
calendar(1)	ADD	New command (reminder service) in Release 2.0
cc(1)	CHG	New options added.
db(1)	DEL	Disappears in Release 2.0, replaced by adb(1).
cdc(1)	ADD	New command, linked to chghist(1).
chdir(1)	DEL	Gone, will be shell builtin as cd. See cd(1).
checkeq(1)	ADD	On eqn(1) man page.
chgrp(1)	CHG	Included on chown(1) man page in Release 2.0
chmod(1)	CHG	New capabilities, (symbolic mode)
chown(1)	CHG	Includes chgrp(1)
clri(1M)	CHG	Moved from section 8.
config(1M)	CHG	Moved from section 8.
cmddir(1)	DEL	Disappears in Release 2.0
cmt(1)	ADD	New SCCS conversion command.
col(1)	CHG	New options.
cp(1)	CHG	Now copies multiple files.

COMMAND	TYPE	EXPLANATION
cpio(1)	CHG	New option "-B" added.
cpx(1)	DEL	Disappears in Release 2.0, now use cpio(1).
crash(1M)	ADD	New dump analyzer.
cref(1)	DEL	Changed to xref(1) in Release 2.0
crypt(1)	CHG	New algorithm.
csplit(1)	CHG	2.0 C program, new syntax, line no's, offset.
cu(1)	CHG	Parity changes, now transmits breaks.
cut(1)	ADD	New command, see man page
date(1)	CHG	New format options.
db(1)	DEL	Disappears in Release 2.0, replaced by adb(1).
df(1)	CHG	New options.
diff(1)	CHG	"-h" option for diffh, bdiff.
diffmark(1)	DEL	name changed to diffmk(1) in Release 2.0
diffmk(1)	ADD	name changed from diffmark(1) in Release 1.2
dircmp(1)	ADD	Directory compare.
dirname(1)	ADD	Returns all but last level of path name.
dsw(1)	DEL	Disappears in Release 2.0
du(1)	CHG	new option "-r" added.
dump(1M)	CHG	Revised.
echo(1)	CHG	Does more, recognizes specials.
ed(1)	CHG	New editor in Release 2.0
egrep(1)	CHG	Man page gone, explained on grep man page
env(1)	ADD	New shell command, see man page
eqn(1)	CHG	Includes neqn(1) in 2.0
equals(1)	DEL	Disappears in Release 2.0 (new shell)

COMMAND	TYPE	EXPLANATION
errdead(1M)	ADD	Extract error messages from dump.
errdemon(1M)	ADD	Error logging daemon.
rpt(1M)	ADD	Make a report of logged errors.
errstop(1M)	ADD	Terminate the error logging daemon, errdemon(1M).
exit(1)	CHG	Disappears in Release 2.0 (on shell man page as built-in).
pr(1)	CHG	Substr, length, index undocumented, going away. New 'regex' matching.
f77(1)	ADD	New fortran 77 compiler in Release 2.0
factor(1)	CHG	Moved from factor(6).
false(1)	ADD	New command in Release 2.0.
fc(1)	DEL	Replaced by new f77(1) compiler.
2(1)	DEL	Gone, shell provides this feature
fgrep(1)	CHG	-a option undocumented, on grep(1) man page.
file(1)	CHG	New "-f" option.
find(1)	CHG	New capabilities.
fsck(1M)	CHG	Moved from fsck(8), changed in 2.0.
fsdb(1M)	CHG	Revised for UNIX/TS.
to(1)	DEL	Disappears in Release 2.0 (new shell, not allowed)
graph(1G)	ADD	Draw a graph.
greek(1)	ADD	New terminal filter.
grep(1)	CHG	Includes egrep(1) and fgrep(1) in 2.0. Option '-s' is currently gone. New 'regex' matching.
gsi(1)	DEL	Disappears in Release 2.0, now 300(1).

COMMAND	TYPE	EXPLANATION
id(1)	ADD	New print user ID command.
idcvt(1)	ADD	New sccs conversion program.
if(1)	CHG	Man page Disappears in Release 2.0 (on shell man page
install(1M)	ADD	Install commands.
join(1)	ADD	New command in Release 2.0
kas(1)	ADD	New assembler for kmc11.
kun(1)	ADD	Un-assembler for kmc11.
labelit(1M)	CHG	On volcopy(1M) manual page.
line(1)	CHG	New command, takes the place of Release 1.2 read(1)
link(1M)	ADD	Exercise link syscall, su only.
lint(1)	CHG	Stricter portability testing.
login(1)	DEL	No longer executable by user.
loginfo(1)	CHG	Logname, logdir, logtty will be in Release 2.0.
		Logdir and Logtty will disappear with 2.1.
lorder(1)	ADD	New command in Release 2.0
ls(1)	CHG	New -c option for change time.
ln(1)	CHG	Newer, see mv, cp, ln.
mail(1)	CHG	Changed command, new structure and usage.
		Now works with uucp(1).
man(1)	CHG	New options and flags in Release 2.0
mm(1)	CHG	New options.
mmt(1)	CHG	New options.
mv(1)	CHG	Now moves multiple files.
mvdir(1M)	CHG	Undocumented in 1.2., super-user only.
mvt(1)	ADD	Typesetting viewgraphs and slides.

COMMAND	TYPE	EXPLANATION
		On mmt(1) manual page.
neqn(1)	CHG	Found on "eqn" manual page in Release 2.0
.ws(1)	ADD	Print news items in /usr/news/??.
next(1)	DEL	Disappears in Release 2.0
nice(1)	CHG	Default value is 10 instead of 4.
		Additive property (nice of a nice).
.(1)	CHG	-c option gone; new options; works on archives.
nohup(1)	CHG	Output goes to "nohup.out".
nroff(1)	CHG	New features.
od(1)	CHG	"-h" option (hex) is now "-x".
onintr(1)	DEL	Disappears in Release 2.0 (replaced by "trap")
passwd(1)	CHG	Changed, now more robust, more safety
.ste(1)	ADD	New command in Release 2.0
pcc(1)	ADD	Portable C compiler.
pr(1)	CHG	New diagnostics on error (dir, non-exist)
primes(1)	ADD	New command in Release 2.0.
		Related to factor(1).
prof(1)	CHG	Options "-v", "-low" and "-high" undocumented.
ofiler(1M)	NEW	A family of prf??? commands to facilitate
		an activity study of the operating system.
prompt(1)	DEL	Goes away in Release 2.0 (use echo).
prs(1)	ADD	New SCCS command.
(1)	CHG	Some changes in Release 2.0.
ptx(1)	CHG	New features, new layout.
mp(1)	DEL	Disappears in Release 2.0

COMMAND	TYPE	EXPLANATION
		(new shell, use here-document).
quiz(1)	CHG	Moved to quiz(6) in 2.0.
ratfor(1)	ADD	Converts Rational FORTRAN Dialect to irrational FORTRAN used by f77(1).
read(1)	DEL	Replaced by line(1).
reform(1)	CHG	Missing in Release 2.0. (???????)
restor(1M)	ADD	Read magtape created by dump(1M).
rev(1)	ADD	New command, see manual page
rgrep(1)	DEL	Disappears in Release 2.0
rm(1)	CHG	New option -i, man page includes rmdir(1).
rmdir(1)	CHG	On rm(1) man page.
roff(1)	DEL	Disappears in Release 2.0.
rsh(1)	CHG	New restricted shell.
sdiff(1)	ADD	side-by-side difference program.
sed(1)	CHG	new regex (same as ed) matching, etc. "v" command gone, "g" command usage different.
send(1)	CHG	New syntax.
setuid(1)	DEL	Gone in Release 2.0, use su(1).
sh(1)	CHG	New shell (1.2 /bin/bsh)
shcvt(1)	CHG	Newer.
shift(1)	CHG	Man page disappears, now on sh(1)
sno(1)	CHG	Changed?
spell(1)	CHG	New British option, new algorithm.
stty(1)	CHG	Effect is on standard input, new "-g" option.
su(1)	CHG	New options, replaces setuid.

COMMAND	TYPE	EXPLANATION
sum(1)	CHG	New algorithm, same results, different output.
switch(1)	DEL	Disappears in Release 2.0
		New shell, use case construct.
sysdef(1M)	NEW	Newer program in Release 2.0.
tabs(1)	CHG	Changed.
tar(1)	ADD	New tape archiver.
t(1)	ADD	Phototypsetter simulator.
tee(1)	CHG	New "-a" append option.
test(1)	CHG	New options, built into shell.
time(1)	CHG	Now returns real time to accuracy of tenth of second.
touch(1)	ADD	"Touches" a file's time.
tr(1)	CHG	The '[' and '*' operators are gone.
trap(1)	ADD	Internal to shell, cannot trap signal 11.
		Replaces onintr(I).
troff(1)	CHG	More options and commands.
true(1)	ADD	New command in Release 2.0
tsort(1)	ADD	New command in Release 2.0
tty(1)	CHG	No more ttyx when not associated with a terminal.
uname(1)	CHG	Gives more info about operating system.
unlink(1M)	ADD	Super-user unlink with no questions asked.
		On link(1M) manual page.
uuclean(1C)	ADD	Uucp spool directory clean-up.
uucp(1C)	ADD	UNIX to UNIX file copy.
uulog(1C)	ADD	Uucp user log inquiry.
uux(1C)	ADD	UNIX to UNIX command execution.

COMMAND	TYPE	EXPLANATION
volcopy(1M)	CHG	Moved from section 8 in Release 1.2
vp(1)	DEL	Missing in Release 2.0.
wc(1)	CHG	Has -c and -w options which were undocumented.
while(1)	CHG	Gone in Release 2.0 (new shell)
who(1)	CHG	Not sorted.
whodo(1M)	ADD	Who is doing what.
xargs(1)	CHG	TS version very different.
		We should use U.S.G's.
xref(1)	ADD	Name changed from cref(1) in Release 1.2
yacc(1)	CHG	New features.