

```

*****
8757 Wed Apr 8 17:03:29 2015
new/usr/src/Makefile.lint
5801 nuke big file scanner (bfs)
Reviewed by: Richard Lowe <richlowe@richlowe.net>
Reviewed by: Albert Lee <trisk@omniti.com>
*****
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28 #
29 # include global definitions
30 include Makefile.master
31 #
32 #
33 # As pieces are made lint-clean, add them here so the nightly build
34 # can be used to keep them that way.
35 #
36 COMMON_SUBDIRS = \
37     cmd/acctadm \
38     cmd/asa \
39     cmd/amt \
40     cmd/audio/audiocctl \
41     cmd/audio/audiotest \
42     cmd/audit \
43     cmd/auditconfig \
44     cmd/auditd \
45     cmd/auditreduce \
46     cmd/auditstat \
47     cmd/auths \
48     cmd/autopush \
49     cmd/availdevs \
50     cmd/avs \
51     cmd/awk \
52     cmd/banner \
53     cmd/bart \
54     cmd/basename \
55     cmd/bdiff \
56     cmd/bfs \
57     cmd/busstat \
58     cmd/boot \
59     cmd/cal \

```

```

59     cmd/captoinfo \
60     cmd/cat \
61     cmd/cdrw \
62     cmd/cfgadm \
63     cmd/checkeq \
64     cmd/checknr \
65     cmd/chgrp \
66     cmd/chmod \
67     cmd/chown \
68     cmd/chroot \
69     cmd/clinfo \
70     cmd/cmd-crypto \
71     cmd/cmd-inet/lib \
72     cmd/cmd-inet/lib/netcfgd \
73     cmd/cmd-inet/lib/nwamd \
74     cmd/cmd-inet/sbin \
75     cmd/cmd-inet/usr.bin \
76     cmd/cmd-inet/usr.lib/bridged \
77     cmd/cmd-inet/usr.lib/ilbd \
78     cmd/cmd-inet/usr.lib/in.mpathd \
79     cmd/cmd-inet/usr.lib/in.ndpd \
80     cmd/cmd-inet/usr.lib/inetd \
81     cmd/cmd-inet/usr.lib/pppoe \
82     cmd/cmd-inet/usr.lib/slpd \
83     cmd/cmd-inet/usr.lib/vrrpd \
84     cmd/cmd-inet/usr.lib/wpad \
85     cmd/cmd-inet/usr.lib/wanboot \
86     cmd/cmd-inet/usr.sadm \
87     cmd/cmd-inet/usr.sbin \
88     cmd/cmd-inet/usr.sbin/ilbadm \
89     cmd/cmd-inet/usr.sbin/nwamadm \
90     cmd/cmd-inet/usr.sbin/nwamcfg \
91     cmd/col \
92     cmd/compress \
93     cmd/consadm \
94     cmd/coreadm \
95     cmd/cpc \
96     cmd/cpio \
97     cmd/crypt \
98     cmd/csplitt \
99     cmd/ctrunc \
100    cmd/ctstat \
101    cmd/ctwatch \
102    cmd/date \
103    cmd/dd \
104    cmd/deroff \
105    cmd/devctl \
106    cmd/devfsadm \
107    cmd/devinfo \
108    cmd/devmgmt \
109    cmd/devprop \
110    cmd/dfs.cmds \
111    cmd/diff3 \
112    cmd/dis \
113    cmd/dirname \
114    cmd/diskscan \
115    cmd/dispadmin \
116    cmd/dladm \
117    cmd/dlmgmt \
118    cmd/dtrace \
119    cmd/du \
120    cmd/dumpadm \
121    cmd/dumpcs \
122    cmd/echo \
123    cmd/eject \
124    cmd/emul64ioctl \

```

## new/usr/src/Makefile.lint

```

125 cmd/env \
126 cmd/expand \
127 cmd/fcinfo \
128 cmd/fdetach \
129 cmd/fdformat \
130 cmd/fdisk \
131 cmd/fgrep \
132 cmd/file \
133 cmd/find \
134 cmd/fmthard \
135 cmd/fmtmsg \
136 cmd/fold \
137 cmd/fm \
138 cmd/format \
139 cmd/fs.d/fd \
140 cmd/fs.d/lofs/mount \
141 cmd/fs.d/mntfs \
142 cmd/fs.d/pcfs/mount \
143 cmd/fs.d/proc \
144 cmd/fs.d/tmpfs \
145 cmd/fs.d/udfs/mount \
146 cmd/fs.d/ufs/mount \
147 cmd/fs.d/ufs/fsirand \
148 cmd/fs.d/zfs/fstyp \
149 cmd/fwflash \
150 cmd/fuser \
151 cmd/gcore \
152 cmd/genmsg \
153 cmd/getconf \
154 cmd/getdevpolicy \
155 cmd/getfacl \
156 cmd/getopt \
157 cmd/gettext \
158 cmd/grep \
159 cmd/grep_xpg4 \
160 cmd/groups \
161 cmd/halt \
162 cmd/head \
163 cmd/hostid \
164 cmd/hostname \
165 cmd/hotplug \
166 cmd/hotplugd \
167 cmd/idmap \
168 cmd/init \
169 cmd/intrstat \
170 cmd/ipcrm \
171 cmd/ipcs \
172 cmd/isaexec \
173 cmd/isalist \
174 cmd/iscsiadm \
175 cmd/iscsid \
176 cmd/iscsitsvc \
177 cmd/isns \
178 cmd/itadm \
179 cmd/kbd \
180 cmd/killall \
181 cmd/ldap \
182 cmd/last \
183 cmd/lastcomm \
184 cmd/ldapcachemgr \
185 cmd/line \
186 cmd/link \
187 cmd/locator \
188 cmd/localedef \
189 cmd/lockstat \
190 cmd/lofiadm \

```

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## new/usr/src/Makefile.lint

```

191 cmd/logadm \
192 cmd/logger \
193 cmd/login \
194 cmd/logins \
195 cmd/ls \
196 cmd/luxadm \
197 cmd/lvm \
198 cmd/mailwrapper \
199 cmd/makekey \
200 cmd/mdb \
201 cmd/mesg \
202 cmd/mkdir \
203 cmd/mkfifo \
204 cmd/mkfile \
205 cmd/mkmsgs \
206 cmd/mknod \
207 cmd/mpathadm \
208 cmd/modload \
209 cmd/msgfmt \
210 cmd/msgid \
211 cmd/mt \
212 cmd/mv \
213 cmd/ndmpadm \
214 cmd/ndmpd \
215 cmd/ndmpstat \
216 cmd/newform \
217 cmd/newgrp \
218 cmd/newtask \
219 cmd/nice \
220 cmd/nl \
221 cmd/nohup \
222 cmd/nscd \
223 cmd/od \
224 cmd/pagesize \
225 cmd/passwd \
226 cmd/pathchk \
227 cmd/pbind \
228 cmd/pcidr \
229 cmd/pcitool \
230 cmd/pfexec \
231 cmd/pgrep \
232 cmd/picl/picld \
233 cmd/picl/prtpicl \
234 cmd/plockstat \
235 cmd/pools \
236 cmd/power \
237 cmd/powertop \
238 cmd/printf \
239 cmd/latencytop \
240 cmd/ppgsz \
241 cmd/praudit \
242 cmd/prctl \
243 cmd/priocntl \
244 cmd/profiles \
245 cmd/prstat \
246 cmd/prtconf \
247 cmd/prtdiag \
248 cmd/prvtoc \
249 cmd/ps \
250 cmd/psradm \
251 cmd/psrinfo \
252 cmd/psrset \
253 cmd/ptools \
254 cmd/pwck \
255 cmd/pwconv \
256 cmd/ramdiskadm \

```

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## new/usr/src/Makefile.lint

```

257 cmd/raidctl \
258 cmd/rcap \
259 cmd/rcm_daemon \
260 cmd/rctladm \
261 cmd/renice \
262 cmd/rm \
263 cmd/rmdir \
264 cmd/rmformat \
265 cmd/rmt \
266 cmd/roles \
267 cmd/rpcgen \
268 cmd/rpcsvc/rpc.bootparamd \
269 cmd/runat \
270 cmd/savecore \
271 cmd/sbdadm \
272 cmd/sdpadm \
273 cmd/sed \
274 cmd/setpgrp \
275 cmd/smbios \
276 cmd/sgs \
277 cmd/smsbrv \
278 cmd/smsserverd \
279 cmd/sort \
280 cmd/split \
281 cmd/srptadm \
282 cmd/srptsvc \
283 cmd/ssh \
284 cmd/stat \
285 cmd/stmfadm \
286 cmd/stmfsvc \
287 cmd/stmsboot \
288 cmd/streams/strcmd \
289 cmd/strings \
290 cmd/su \
291 cmd/sulogin \
292 cmd/svc \
293 cmd/swap \
294 cmd/sync \
295 cmd/syseventadm \
296 cmd/syseventd \
297 cmd/syslogd \
298 cmd/tabs \
299 cmd/tail \
300 cmd/th_tools \
301 cmd/tip \
302 cmd/touch \
303 cmd/tr \
304 cmd/truss \
305 cmd/tty \
306 cmd/tzreload \
307 cmd/uadmin \
308 cmd/ul \
309 cmd/userattr \
310 cmd/users \
311 cmd/utmp_update \
312 cmd/utmpd \
313 cmd/valtools \
314 cmd/vrrpadm \
315 cmd/vt \
316 cmd/wall \
317 cmd/who \
318 cmd/whodo \
319 cmd/wracct \
320 cmd/wusbadm \
321 cmd/xargs \
322 cmd/xstr \

```

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## new/usr/src/Makefile.lint

```

323 cmd/yes \
324 cmd/yppasswd \
325 cmd/zdb \
326 cmd/zdump \
327 cmd/zfs \
328 cmd/zhack \
329 cmd/zinject \
330 cmd/zlogin \
331 cmd/zoneadm \
332 cmd/zoneadmd \
333 cmd/zonecfg \
334 cmd/zonename \
335 cmd/zpool \
336 cmd/zlook \
337 cmd/zttest \
338 lib/abi \
339 lib/auditd_plugins \
340 lib/libbe \
341 lib/pylibbe \
342 lib/brand/sn1 \
343 lib/brand/solaris10 \
344 lib/crypt_modules \
345 lib/extendedFILE \
346 lib/libadm \
347 lib/libadutils \
348 lib/libadt_jni \
349 lib/libaio \
350 lib/libavl \
351 lib/libbrand \
352 lib/libbsdmalloc \
353 lib/libbsm \
354 lib/libc \
355 lib/libc_db \
356 lib/libcfdadm \
357 lib/libcmdutils \
358 lib/libcommputil \
359 lib/libcontract \
360 lib/libcryptoutil \
361 lib/libctf \
362 lib/libdevice \
363 lib/libdevinfo \
364 lib/libdevinfo \
365 lib/libdhcpagent \
366 lib/libdhcputil \
367 lib/libdisasm \
368 lib/libdiskmgt \
369 lib/libdladm \
370 lib/libdlpi \
371 lib/libdoor \
372 lib/libdscfg \
373 lib/libdtrace \
374 lib/libefi \
375 lib/libelfsign \
376 lib/libexacct \
377 lib/libfcoe \
378 lib/libgen \
379 lib/libgrubmgt \
380 lib/libgss \
381 lib/libhotplug \
382 lib/libidmap \
383 lib/libilb \
384 lib/libinetsvc \
385 lib/libinetutil \
386 lib/libinstzones \
387 lib/libipadm \
388 lib/libipmi \

```

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## new/usr/src/Makefile.lint

```

389 lib/libbipmp \
390 lib/libbipp \
391 lib/libbipsecutil \
392 lib/libbiscsit \
393 lib/libbkmf \
394 lib/libkstat \
395 lib/liblgrp \
396 lib/liblm \
397 lib/libm \
398 lib/libml \
399 lib/libmvec \
400 lib/libmalloc \
401 lib/libmapmalloc \
402 lib/libmapid \
403 lib/libmd \
404 lib/libmp \
405 lib/libmtmalloc \
406 lib/libndmp \
407 lib/libnsctl \
408 lib/libnsl \
409 lib/libnvpair \
410 lib/libnwam \
411 lib/libpam \
412 lib/libpctx \
413 lib/libpicl \
414 lib/libpicltree \
415 lib/libpkg \
416 lib/libpool \
417 lib/libproc \
418 lib/libpthread \
419 lib/libraidcfg \
420 lib/librcm \
421 lib/librdc \
422 lib/libreparse \
423 lib/librestart \
424 lib/librstp \
425 lib/librt \
426 lib/libscf \
427 lib/libsec \
428 lib/libsecdb \
429 lib/libsendfile \
430 lib/libsip \
431 lib/libshare \
432 lib/libslldap \
433 lib/libslp \
434 lib/libsmvfs \
435 lib/libsmbios \
436 lib/libsmmedia \
437 lib/libsrpt \
438 lib/libstmf \
439 lib/libsun_ima \
440 lib/libsysevent \
441 lib/libthread \
442 lib/libtsnet \
443 lib/libtsol \
444 lib/libumem \
445 lib/libunistat \
446 lib/libuuid \
447 lib/libuutil \
448 lib/libvrrpadm \
449 lib/libwanboot \
450 lib/libwanbootutil \
451 lib/libxnet \
452 lib/libzfs \
453 lib/libzfs_jni \
454 lib/libzonecfg \

```

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## new/usr/src/Makefile.lint

```

455 lib/libzoneinfo \
456 lib/lvm \
457 lib/madv \
458 lib/mpss \
459 lib/nametoadr \
460 lib/ncad_addr \
461 lib/nsswitch \
462 lib/pam_modules \
463 lib/passwdutil \
464 lib/pkcs11 \
465 lib/print \
466 lib/raidcfg_plugins \
467 lib/scsi \
468 lib/smbsrv \
469 lib/fm \
470 lib/udapl \
471 lib/watchmalloc \
472 psm \
473 test \
474 ucbscmd/basename \
475 ucbscmd/biff \
476 ucbscmd/echo \
477 ucbscmd/groups \
478 ucbscmd/mkstr \
479 ucbscmd/printenv \
480 ucbscmd/sum \
481 ucbscmd/test \
482 ucbscmd/users \
483 ucbscmd/whoami

485 i386_SUBDIRS= \
486 cmd/acpihpd \
487 cmd/biosdev \
488 cmd/rtc \
489 cmd/ucodeadm \
490 lib/cfgadm_plugins/sata \
491 lib/cfgadm_plugins/sbd \
492 lib/libfdisk

494 sparc_SUBDIRS= \
495 cmd/datadm \
496 cmd/dcs \
497 cmd/drd \
498 cmd/fruadm \
499 cmd/ldmad \
500 cmd/prtdscf \
501 cmd/prtfrr \
502 cmd/sckmd \
503 cmd/virtinfo \
504 cmd/vntsd \
505 lib/libds \
506 lib/libdscf \
507 lib/libpri \
508 lib/libpcp \
509 lib/libtsalarm \
510 lib/libvl2n \
511 lib/storage \
512 stand

514 LINTSUBDIRS= $(COMMON_SUBDIRS) $( $(MACH)_SUBDIRS )

516 .PARALLEL:      $(LINTSUBDIRS)

518 lint:            uts .WAIT subdirs

520 subdirs:        $(LINTSUBDIRS)

```

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**new/usr/src/Makefile.lint**

**9**

```
522 uts $(LINTSUBDIRS):      FRC
523     @cd $@; pwd; $(MAKE) lint
525 FRC:
```

```

*****
10870 Wed Apr 8 17:03:30 2015
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5801 nuke big file scanner (bfs)
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Reviewed by: Albert Lee <trisk@omniti.com>
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26 # Copyright (c) 2013 DEY Storage Systems, Inc. All rights reserved.
27 # Copyright 2014 Garrett D'Amore <garrett@damore.org>
28 #
29 include ../Makefile.master
30 #
31 #
32 # Note that the commands 'lp', and 'perl' are first in
33 # the list, violating alphabetical order. This is because they are very
34 # long-running and should be given the most wall-clock time for a
35 # parallel build.
36 #
37 # Commands in the FIRST_SUBDIRS list are built before starting the build
38 # of other commands. Currently this includes only 'isaexec' and
39 # 'platexec'. This is necessary because $(ROOT)/usr/lib/isaexec or
40 # $(ROOT)/usr/lib/platexec must exist when some other commands are built
41 # because their 'make install' creates a hard link to one of them.
42 #
43 # Commands are listed one per line so that TeamWare can auto-merge most
44 # changes.
45 #
46 #
47 FIRST_SUBDIRS= \
48 isaexec \
49 platexec
50 #
51 COMMON_SUBDIRS= \
52 allocate \
53 availdevs \
54 lp \
55 perl \
56 Adm \
57 abi \
58 adbgen \
59 acct

```

```

60 acctadm \
61 arch \
62 asa \
63 ast \
64 audio \
65 auths \
66 autopush \
67 avs \
68 awk \
69 awk_xpg4 \
70 backup \
71 banner \
72 bart \
73 basename \
74 bc \
75 bdiff \
76 beadm \
77 bfs \
78 bnu \
79 boot \
80 busstat \
81 cal \
82 calendar \
83 captainfo \
84 cat \
85 cdrw \
86 cfgadm \
87 checkeq \
88 checknr \
89 chgrp \
90 chmod \
91 chown \
92 chroot \
93 clear \
94 clinfo \
95 cmd-crypto \
96 cmd-inet \
97 col \
98 compress \
99 consadm \
100 coreadm \
101 cpio \
102 cpc \
103 cron \
104 crypt \
105 csh \
106 csplit \
107 ctrun \
108 ctstat \
109 ctwatch \
110 datadm \
111 date \
112 dc \
113 dd \
114 deroff \
115 devfsadm \
116 syseventd \
117 devctl \
118 devinfo \
119 devmgmt \
120 devprop \
121 dfs.cmds \
122 diff \
123 diff3 \
124 diffmk \
125 dircmp \

```

new/usr/src/cmd/Makefile

```
125     dirname //
126     dis //
127     diskmgtd //
128     dispadmin //
129     dladm //
130     dlstat //
131     dmesg //
132     dodatadm //
133     dtrace //
134     du //
135     dumpadm //
136     dumpcs //
137     echo //
138     ed //
139     eeprom //
140     egrep //
141     eject //
142     emul64ioctl //
143     enhance //
144     env //
145     eqn //
146     expand //
147     expr //
148     exstr //
149     factor //
150     false //
151     fcinfo //
152     fcoesvc //
153     fdetach //
154     fdformat //
155     fdisk //
156     filesync //
157     fgrep //
158     file //
159     find //
160     flowadm //
161     flowstat //
162     fm //
163     fmt //
164     fmthard //
165     fmtmsg //
166     fold //
167     format //
168     fs.d //
169     fstyp //
170     fuser //
171     fwflash //
172     gcore //
173     gencat //
174     geniconvtbl //
175     genmsg //
176     getconf //
177     getdevpolicy //
178     getent //
179     getfacl //
180     getmajor //
181     getopt //
182     gettext //
183     gettxt //
184     grep //
185     grep_xpg4 //
186     groups //
187     grpck //
188     gss //
189     hal //
190     halt //
```

3

new/usr/src/cmd/Makefile

```
191     head //
192     hostid //
193     hostname //
194     hotplug //
195     hotplugd //
196     hwdata //
197     ibd_upgrade //
198     id //
199     idmap //
200     infocmp //
201     init //
202     initpkg //
203     install.d //
204     intrd //
205     intrstat //
206     ipcrm //
207     ipcs //
208     ipdadm //
209     ipf //
210     isainfo //
211     isalist //
212     itutools //
213     iscsiadm //
214     iscsid //
215     iscsitsvc //
216     isns //
217     itadm //
218     java //
219     kbd //
220     keyserv //
221     killall //
222     krb5 //
223     ksh //
224     kvmstat //
225     last //
226     lastcomm //
227     latencytop //
228     ldap //
229     ldapcachemgr //
230     lgrpinfo //
231     line //
232     link //
233     dlmgtd //
234     listen //
235     loadkeys //
236     locale //
237     localedef //
238     lockstat //
239     locator //
240     lofiadm //
241     logadm //
242     logger //
243     login //
244     logins //
245     look //
246     ls //
247     luxadm //
248     lvm //
249     mach //
250     mail //
251     mailwrapper //
252     mailx //
253     makekey //
254     man //
255     mandoc //
256     mdb //
```

4

new/usr/src/cmd/Makefile

257 mesg //  
258 mkdir //  
259 mkfifo //  
260 mkfile //  
261 mkmsgs //  
262 mknod //  
263 mkpwdict //  
264 mktemp //  
265 modload //  
266 more //  
267 mpathadm //  
268 msgfmt //  
269 msgid //  
270 mt //  
271 mv //  
272 mvdir //  
273 ndmpadm //  
274 ndmpd //  
275 ndmpstat //  
276 netadm //  
277 netfiles //  
278 newform //  
279 newgrp //  
280 news //  
281 newtask //  
282 nice //  
283 nl //  
284 nlsadmin //  
285 nohup //  
286 nsadmin //  
287 nscd //  
288 oamuser //  
289 oawk //  
290 od //  
291 pack //  
292 pagesize //  
293 passmgmt //  
294 passwd //  
295 pathchk //  
296 pbind //  
297 pcidr //  
298 pcitool //  
299 pfexec //  
300 pfexecd //  
301 pginfo //  
302 pgstat //  
303 pgrep //  
304 picl //  
305 plimit //  
306 policykit //  
307 pools //  
308 power //  
309 powertop //  
310 ppgsz //  
311 pg //  
312 plockstat //  
313 pr //  
314 prctl //  
315 print //  
316 printf //  
317 priocntl //  
318 profiles //  
319 projadd //  
320 projects //  
321 prstat //  
322 prtconf //

new/usr/src/cmd/Makefile

323 prtdiag //  
324 prtvtoc //  
325 ps //  
326 psradm //  
327 psrinfo //  
328 psrset //  
329 ptools //  
330 pwck //  
331 pwconv //  
332 pwd //  
333 pyzfs //  
334 raidctl //  
335 ramdiskadm //  
336 rcap //  
337 rcm\_daemon //  
338 rctladm //  
339 refer //  
340 regcmp //  
341 renice //  
342 rexd //  
343 rm //  
344 rmdir //  
345 rmformat //  
346 rmmount //  
347 rmt //  
348 rmvolmgr //  
349 roles //  
350 rpcbind //  
351 rpcgen //  
352 rpcinfo //  
353 rpcsvc //  
354 runat //  
355 sa //  
356 saf //  
357 sasinfo //  
358 savecore //  
359 sbdadm //  
360 script //  
361 scsi //  
362 sdiff //  
363 sdpadm //  
364 sed //  
365 sendmail //  
366 setfacl //  
367 setmnt //  
368 setpgrp //  
369 setuname //  
370 sgs //  
371 sh //  
372 shcomp //  
373 smbios //  
374 smbstrv //  
375 smserverd //  
376 soelim //  
377 sort //  
378 spell //  
379 split //  
380 sqlite //  
381 srchtxt //  
382 srptadm //  
383 srptsvc //  
384 ssh //  
385 stat //  
386 stmfadm //  
387 stmfproxy //  
388 stmfsvc //



## new/usr/src/cmd/Makefile

```

389      stmsboot      \
390      streams       \
391      strings       \
392      su             \
393      sulogin       \
394      sunpc         \
395      svc           \
396      svr4pkg       \
397      swap          \
398      sync          \
399      sysdef        \
400      syseventadm  \
401      syslogd      \
402      tabs         \
403      tail         \
404      tar          \
405      tbl          \
406      tcopy        \
407      tcpd         \
408      terminfo     \
409      th_tools     \
410      tic          \
411      time         \
412      tip         \
413      tnf         \
414      touch       \
415      tput        \
416      tr          \
417      trapstat   \
418      troff       \
419      true        \
420      truss       \
421      tsol       \
422      tty        \
423      ttymon     \
424      tzreload  \
425      uadmin    \
426      ul        \
427      uname     \
428      units    \
429      unlink   \
430      unpack   \
431      userattr \
432      users    \
433      utmp_update \
434      utmpd    \
435      valtools \
436      vgrind   \
437      vi       \
438      volcheck \
439      volrmmount \
440      vrrpadm \
441      vscan   \
442      vt     \
443      w      \
444      wall   \
445      which  \
446      who    \
447      whodo  \
448      wracct \
449      write  \
450      wusbadm \
451      xargs  \
452      xstr   \
453      yes    \
454      ypcmd  \

```

7

## new/usr/src/cmd/Makefile

```

455      yppasswd \
456      zdb      \
457      zdump    \
458      zfs      \
459      zhack    \
460      zic      \
461      zinject  \
462      zlogin   \
463      zoneadm  \
464      zoneadmd \
465      zonecfg  \
466      zonename \
467      zpool    \
468      zlook    \
469      zonestat \
470      zstreamdump \
471      ztest    \
473 i386_SUBDIRS= \
474      acpihpd   \
475      addbadsec \
476      biosdev   \
477      diskscan  \
478      lms        \
479      rtc        \
480      ucodeadm  \
481      xvm        \
483 sparc_SUBDIRS= \
484      cvcd      \
485      dcs       \
486      device_remap \
487      drd       \
488      fruadm    \
489      ldmad     \
490      oplhpd    \
491      prtdscp   \
492      prtfrpu   \
493      scadm     \
494      sckmd     \
495      sf880drd \
496      virtinfo  \
497      vntsd     \
499 # \
500 # Commands that are messaged. Note that 'lp' comes first \
501 # (see previous comment about 'lp'.) \
502 # \
503 MSGSUBDIRS= \
504      lp        \
505      abi       \
506      acctadm   \
507      allocate  \
508      asa       \
509      audio     \
510      audit     \
511      auditconfig \
512      auditd    \
513      auditrecord \
514      auditset  \
515      auths     \
516      autopush  \
517      avs       \
518      awk       \
519      awk_xpg4  \
520      backup    \

```

8

new/usr/src/cmd/Makefile

521 banner //  
522 bart //  
523 basename //  
524 beadm //  
525 bnu //  
526 busstat //  
527 cal //  
528 cat //  
529 cdrw //  
530 cfgadm //  
531 checkeq //  
532 checknr //  
533 chgrp //  
534 chmod //  
535 chown //  
536 cmd-crypto //  
537 cmd-inet //  
538 col //  
539 compress //  
540 consadm //  
541 coreadm //  
542 cpio //  
543 cpc //  
544 cron //  
545 csh //  
546 csplit //  
547 ctrun //  
548 ctstat //  
549 ctwatch //  
550 datadm //  
551 date //  
552 dc //  
553 dcs //  
554 dd //  
555 deroff //  
556 devfsadm //  
557 dfs.cmds //  
558 diff //  
559 diffmk //  
560 dladm //  
561 dlstat //  
562 du //  
563 dumpcs //  
564 ed //  
565 eject //  
566 env //  
567 eqn //  
568 expand //  
569 expr //  
570 fcinfo //  
571 fgrep //  
572 file //  
573 filesync //  
574 find //  
575 flowadm //  
576 flowstat //  
577 fm //  
578 fold //  
579 fs.d //  
580 fwflash //  
581 geniconvtbl //  
582 genmsg //  
583 getconf //  
584 getent //  
585 gettext //  
586 gettxt //

new/usr/src/cmd/Makefile

587 grep //  
588 grep\_xpg4 //  
589 grpck //  
590 gss //  
591 halt //  
592 head //  
593 hostname //  
594 hotplug //  
595 id //  
596 idmap //  
597 isaexec //  
598 iscsiadm //  
599 iscsid //  
600 isns //  
601 itadm //  
602 kbd //  
603 krb5 //  
604 ksh //  
605 last //  
606 ldap //  
607 ldapcachemgr //  
608 lgrpinfo //  
609 locale //  
610 lofiadm //  
611 logadm //  
612 logger //  
613 logins //  
614 ls //  
615 luxadm //  
616 lvm //  
617 mailx //  
618 man //  
619 msg //  
620 mkdir //  
621 mkpdict //  
622 mktmp //  
623 more //  
624 mpathadm //  
625 msgfmt //  
626 mv //  
627 ndmpadm //  
628 ndmpstat //  
629 newgrp //  
630 newtask //  
631 nice //  
632 nohup //  
633 oawk //  
634 pack //  
635 passwd //  
636 passmgmt //  
637 pathchk //  
638 pfexec //  
639 pg //  
640 pgrep //  
641 picl //  
642 pools //  
643 power //  
644 pr //  
645 praudit //  
646 print //  
647 profiles //  
648 projadd //  
649 projects //  
650 prstat //  
651 prtdiag //  
652 ps //

## new/usr/src/cmd/Makefile

```

653     psrinfo      \
654     ptools      \
655     pwconv      \
656     pwd         \
657     pyzfs      \
658     raidctl     \
659     ramdiskadm  \
660     rcap       \
661     rcm_daemon  \
662     refer      \
663     regcmp     \
664     renice     \
665     roles     \
666     rm        \
667     rmdir     \
668     rmformat  \
669     rmmount   \
670     rmvolmgr  \
671     sasinfo   \
672     sbdadm    \
673     scadm     \
674     script    \
675     scsi      \
676     sdiff     \
677     sdpadm    \
678     sgs       \
679     sh        \
680     shcomp   \
681     smbsrv   \
682     sort     \
683     split    \
684     srptadm  \
685     ssh      \
686     stat     \
687     stmfadm  \
688     stmsboot \
689     strings  \
690     su       \
691     svc      \
692     svr4pkg  \
693     swap     \
694     syseventadm \
695     syseventd \
696     tabs    \
697     tar     \
698     tbl     \
699     time    \
700     tnf     \
701     touch   \
702     tput    \
703     troff   \
704     tsol    \
705     tty     \
706     ttymon  \
707     tzreload \
708     ul      \
709     uname   \
710     units   \
711     unlink  \
712     unpack  \
713     userattr \
714     valtools \
715     vgrind  \
716     vi      \
717     volcheck \
718     volrmmount \

```

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## new/usr/src/cmd/Makefile

```

719     vrrpadm  \
720     vscan    \
721     w        \
722     who      \
723     whodo    \
724     wracct  \
725     write    \
726     wusbadm  \
727     xargs    \
728     yppasswd \
729     zdump    \
730     zfs      \
731     zic      \
732     zlogin   \
733     zoneadm  \
734     zoneadmd \
735     zonecfg  \
736     zonename \
737     zpool    \
738     zonestat \

740     sparc_MSGSUBDIRS= \
741     fruadm            \
742     prtsc             \
743     prtfru           \
744     virtinfo         \
745     vntsd            \

747     i386_MSGSUBDIRS= \
748     ucodeadm         \

750 #
751 # commands that use dcgettext for localized time, LC_TIME
752 #
753     DCSUBDIRS= \
754     cal        \
755     cfgadm    \
756     diff      \
757     ls        \
758     pr        \
759     ps        \
760     tar       \
761     w         \
762     who       \
763     whodo     \
764     write     \

766 #
767 # commands that belong only to audit.
768 #
769     AUDITSUBDIRS= \
770     amt            \
771     audit         \
772     audit_warn    \
773     auditconfig   \
774     auditd        \
775     auditrecord   \
776     auditreduce   \
777     auditset      \
778     auditstat     \
779     praudit       \

781 #
782 # commands not owned by the systems group
783 #
784     BWOSDIRS=

```

12

```
787 all :=          TARGET = all
788 install :=      TARGET = install
789 clean :=        TARGET = clean
790 clobber :=      TARGET = clobber
791 lint :=         TARGET = lint
792 _msg :=         TARGET = _msg
793 _dc :=          TARGET = _dc

795 .KEEP_STATE:

797 SUBDIRS = $(COMMON_SUBDIRS) $($ (MACH)_SUBDIRS)

799 .PARALLEL:      $(BWOSDIRS) $(SUBDIRS) $(MSGSUBDIRS) $(AUDITSUBDIRS)

801 all install clean clobber lint: $(FIRST_SUBDIRS) .WAIT $(SUBDIRS) \
802     $(AUDITSUBDIRS)

804 #
805 # Manifests cannot be checked in parallel, because we are using
806 # the global repository that is in $(SRC)/cmd/svc/seed/global.db.
807 # For this reason, to avoid .PARALLEL and .NO_PARALLEL conflicts,
808 # we spawn off a sub-make to perform the non-parallel 'make check'
809 #
810 check:
811     $(MAKE) -f Makefile.check check

813 #
814 # The .WAIT directive works around an apparent bug in parallel make.
815 # Evidently make was getting the target _msg vs. _dc confused under
816 # some level of parallelization, causing some of the _dc objects
817 # not to be built.
818 #
819 _msg: $(MSGSUBDIRS) $($ (MACH)_MSGSUBDIRS) .WAIT _dc

821 _dc: $(DCSUBDIRS)

823 #
824 # Dependencies
825 #
826 fs.d: fstyp
827 ksh:    shcomp isaexec
828 mdb:    terminfo
829 print:  lp
830 fmt:    mailx

832 $(FIRST_SUBDIRS) $(BWOSDIRS) $(SUBDIRS) $(AUDITSUBDIRS): FRC
833     @if [ -f $@/Makefile ]; then \
834         cd $@; pwd; $(MAKE) $(TARGET); \
835     else \
836         true; \
837     fi

839 FRC:
```

```

*****
12544 Wed Apr 8 17:03:30 2015
new/usr/src/man/man1/Makefile
5801 nuke big file scanner (bfs)
Reviewed by: Richard Lowe <richlowe@richlowe.net>
Reviewed by: Albert Lee <trisk@omniti.com>
*****
1 #
2 # This file and its contents are supplied under the terms of the
3 # Common Development and Distribution License ("CDDL"), version 1.0.
4 # You may only use this file in accordance with the terms of version
5 # 1.0 of the CDDL.
6 #
7 # A full copy of the text of the CDDL should have accompanied this
8 # source. A copy of the CDDL is also available via the Internet
9 # at http://www.illumos.org/license/CDDL.
10 #
12 #
13 # Copyright 2011, Richard Lowe
14 # Copyright 2015 Nexenta Systems, Inc. All rights reserved.
15 # Copyright 2014 Garrett D'Amore <garrett@damore.org>
16 #
18 include      $(SRC)/Makefile.master
20 MANSECT=     1
22 MANFILES=
23 acctcom.1
24 adb.1
25 addbib.1
26 alias.1
27 allocate.1
28 amt.1
29 appcert.1
30 apptrace.1
31 apropos.1
32 ar.1
33 arch.1
34 asa.1
35 at.1
36 atq.1
37 atrm.1
38 audioconvert.1
39 audiocvt.1
40 audioplay.1
41 audiorecord.1
42 audiotest.1
43 auths.1
44 awk.1
45 banner.1
46 basename.1
47 bc.1
48 bdiff.1
49 bfs.1
50 break.1
51 builtin.1
52 cal.1
53 calendar.1
54 cancel.1
55 cat.1
56 cd.1
57 cdrw.1
58 checknr.1
59 chgrp.1
60 chkey.1

```

```

59 chmod.1
60 chown.1
61 ckdate.1
62 ckgid.1
63 ckint.1
64 ckitem.1
65 ckkeywd.1
66 ckpath.1
67 ckrange.1
68 ckstr.1
69 cksum.1
70 cktime.1
71 ckuid.1
72 ckyorn.1
73 clear.1
74 cmp.1
75 col.1
76 comm.1
77 command.1
78 compress.1
79 cp.1
80 cpio.1
81 cputrack.1
82 crle.1
83 crontab.1
84 crypt.1
85 csh.1
86 csplit.1
87 ctags.1
88 ctrun.1
89 ctstat.1
90 ctwatch.1
91 cut.1
92 date.1
93 dc.1
94 deallocate.1
95 deroff.1
96 dhcpinfo.1
97 diff.1
98 diff3.1
99 diffmk.1
100 digest.1
101 dircmp.1
102 dis.1
103 disown.1
104 dispgid.1
105 dispuid.1
106 dos2unix.1
107 download.1
108 dpost.1
109 du.1
110 dump.1
111 dumpcs.1
112 echo.1
113 ed.1
114 egrep.1
115 eject.1
116 elfdump.1
117 elfedit.1
118 elfsign.1
119 elfwrap.1
120 enable.1
121 encrypt.1
122 enhance.1
123 env.1
124 eqn.1

```

```

125      exec.1
126      exit.1
127      expand.1
128      expr.1
129      exstr.1
130      factor.1
131      fdformat.1
132      fgrep.1
133      file.1
134      filesync.1
135      find.1
136      finger.1
137      fmt.1
138      fmtmsg.1
139      fold.1
140      ftp.1
141      gcore.1
142      gencat.1
143      genmsg.1
144      getconf.1
145      getfacl.1
146      getlabel.1
147      getopt.1
148      getoptcvt.1
149      getopts.1
150      gettext.1
151      gettxt.1
152      getzonepath.1
153      glob.1
154      gprof.1
155      grep.1
156      groups.1
157      hash.1
158      head.1
159      history.1
160      hostid.1
161      hostname.1
162      iconv.1
163      indxbib.1
164      Intro.1
165      ipcrm.1
166      ipc.1
167      isainfo.1
168      isalist.1
169      jobs.1
170      join.1
171      kbd.1
172      kdestroy.1
173      keylogin.1
174      keylogout.1
175      kill.1
176      kinit.1
177      klist.1
178      kmdb.1
179      kmfcfg.1
180      kpasswd.1
181      krb5-config.1
182      ksh93.1
183      ktutil.1
184      kvmstat.1
185      lari.1
186      last.1
187      lastcomm.1
188      ld.1
189      ldap.1
190      ldapdelete.1

```

```

191      ldaplist.1
192      ldapmodify.1
193      ldapmodrdn.1
194      ldapsearch.1
195      ldd.1
196      ld.so.1.1
197      let.1
198      lex.1
199      lgrpinfo.1
200      limit.1
201      line.1
202      list_devices.1
203      listusers.1
204      ln.1
205      loadkeys.1
206      locale.1
207      localedef.1
208      logger.1
209      login.1
210      logname.1
211      logout.1
212      look.1
213      lookbib.1
214      lorder.1
215      lp.1
216      lpstat.1
217      ls.1
218      m4.1
219      mac.1
220      mach.1
221      madv.so.1.1
222      mail.1
223      mailcompat.1
224      mailq.1
225      mailstats.1
226      mailx.1
227      makekey.1
228      man.1
229      mandoc.1
230      mconnect.1
231      mcs.1
232      mdb.1
233      msg.1
234      mkdir.1
235      mkmsgs.1
236      mktemp.1
237      moe.1
238      more.1
239      mpss.so.1.1
240      msgcc.1
241      msgcpp.1
242      msgcvt.1
243      msgfmt.1
244      msggen.1
245      msgget.1
246      mt.1
247      mv.1
248      nawk.1
249      nc.1
250      nca.1
251      ncab2clf.1
252      ncakmod.1
253      newform.1
254      newgrp.1
255      news.1
256      newtask.1

```

```

257 nice.1 //
258 nl.1 //
259 nm.1 //
260 nohup.1 //
261 nroff.1 //
262 od.1 //
263 on.1 //
264 optisa.1 //
265 pack.1 //
266 pagesize.1 //
267 pargs.1 //
268 passwd.1 //
269 paste.1 //
270 pathchk.1 //
271 pax.1 //
272 pfexec.1 //
273 pg.1 //
274 pgrep.1 //
275 pkginfo.1 //
276 pkgmk.1 //
277 pkgparam.1 //
278 pkgproto.1 //
279 pkgtrans.1 //
280 pktool.1 //
281 plabel.1 //
282 plgrp.1 //
283 plimit.1 //
284 pmadvise.1 //
285 pmap.1 //
286 postio.1 //
287 postprint.1 //
288 postreverse.1 //
289 ppgsz.1 //
290 ppriv.1 //
291 pr.1 //
292 praliases.1 //
293 prctl.1 //
294 preap.1 //
295 prex.1 //
296 print.1 //
297 printf.1 //
298 priocntl.1 //
299 proc.1 //
300 prof.1 //
301 profiles.1 //
302 projects.1 //
303 ps.1 //
304 ptree.1 //
305 pvs.1 //
306 pwd.1 //
307 ranlib.1 //
308 rcapstat.1 //
309 rcp.1 //
310 rdist.1 //
311 read.1 //
312 readonly.1 //
313 refer.1 //
314 regcmp.1 //
315 renice.1 //
316 rev.1 //
317 rlogin.1 //
318 rm.1 //
319 rmformat.1 //
320 rmmount.1 //
321 roffbib.1 //
322 roles.1 //

```

```

323 rpcgen.1 //
324 rsh.1 //
325 runat.1 //
326 rup.1 //
327 ruptime.1 //
328 rusers.1 //
329 rwho.1 //
330 sar.1 //
331 scp.1 //
332 script.1 //
333 sdiff.1 //
334 sed.1 //
335 set.1 //
336 setfacl.1 //
337 setlabel.1 //
338 setpgpr.1 //
339 sftp.1 //
340 shcomp.1 //
341 shell_builtins.1 //
342 shift.1 //
343 size.1 //
344 sleep.1 //
345 smbutil.1 //
346 soelim.1 //
347 sort.1 //
348 sortbib.1 //
349 sotruss.1 //
350 spell.1 //
351 split.1 //
352 srchtxt.1 //
353 ssh.1 //
354 ssh-add.1 //
355 ssh-agent.1 //
356 ssh-http-proxy-connect.1 //
357 ssh-keygen.1 //
358 ssh-keyscan.1 //
359 ssh-socks5-proxy-connect.1 //
360 strchg.1 //
361 strings.1 //
362 strip.1 //
363 stty.1 //
364 sum.1 //
365 suspend.1 //
366 svcprop.1 //
367 svcs.1 //
368 symorder.1 //
369 sys-suspend.1 //
370 tabs.1 //
371 tail.1 //
372 talk.1 //
373 tar.1 //
374 tbl.1 //
375 tcopy.1 //
376 tee.1 //
377 telnet.1 //
378 test.1 //
379 tftp.1 //
380 time.1 //
381 times.1 //
382 timex.1 //
383 tip.1 //
384 tnfdump.1 //
385 tnfxtract.1 //
386 touch.1 //
387 tput.1 //
388 tr.1 //

```

```

389          trap.1          \|
390          troff.1         \|
391          true.1          \|
392          truss.1         \|
393          tsort.1         \|
394          tty.1           \|
395          type.1          \|
396          typeset.1       \|
397          ul.1            \|
398          umask.1         \|
399          uname.1        \|
400          unifdef.1       \|
401          uniq.1          \|
402          units.1         \|
403          unix2dos.1      \|
404          uptime.1        \|
405          vacation.1     \|
406          vgrind.1        \|
407          volcheck.1      \|
408          volrmmount.1   \|
409          w.1             \|
410          wait.1          \|
411          wc.1            \|
412          which.1         \|
413          who.1           \|
414          whocalls.1     \|
415          whois.1         \|
416          write.1         \|
417          xargs.1         \|
418          xgettext.1     \|
419          xstr.1          \|
420          yacc.1          \|
421          yes.1           \|
422          ypcat.1         \|
423          ypmatch.1       \|
424          yppasswd.1      \|
425          ypwhich.1       \|
426          zlogin.1        \|
427          zonename.1     \|

429 MANLINKS= batch.1      \|
430          bg.1            \|
431          case.1          \|
432          chdir.1         \|
433          checkeq.1       \|
434          continue.1     \|
435          decrypt.1       \|
436          dirname.1       \|
437          dirs.1          \|
438          disable.1       \|
439          dumpkeys.1      \|
440          edit.1          \|
441          errrange.1      \|
442          errdate.1       \|
443          errgid.1        \|
444          errint.1        \|
445          erritem.1       \|
446          errpath.1       \|
447          errstr.1        \|
448          errtime.1       \|
449          erruid.1        \|
450          erryorn.1       \|
451          eval.1          \|
452          export.1        \|
453          false.1         \|
454          fc.1            \|

```

```

455          fg.1            \|
456          for.1           \|
457          foreach.1       \|
458          function.1      \|
459          goto.1          \|
460          hashcheck.1     \|
461          hashmake.1      \|
462          hashstat.1      \|
463          helpdate.1      \|
464          helpgid.1       \|
465          helpint.1       \|
466          helpitem.1      \|
467          helppath.1      \|
468          helprange.1     \|
469          helpstr.1       \|
470          helptime.1      \|
471          helpuid.1       \|
472          helpyorn.1      \|
473          hist.1          \|
474          if.1            \|
475          intro.1         \|
476          jsh.1           \|
477          ksh.1           \|
478          ldapadd.1       \|
479          neqn.1          \|
480          notify.1        \|
481          onintr.1        \|
482          page.1          \|
483          pcat.1          \|
484          pcred.1         \|
485          pfcsh.1         \|
486          pfiles.1        \|
487          pfksh.1         \|
488          pflags.1        \|
489          pfsh.1          \|
490          pkill.1         \|
491          pldd.1          \|
492          popd.1          \|
493          prun.1          \|
494          psig.1          \|
495          pstack.1        \|
496          pstop.1         \|
497          ptime.1         \|
498          pushd.1         \|
499          pwait.1         \|
500          pwdx.1          \|
501          red.1           \|
502          rehash.1        \|
503          remote_shell.1  \|
504          remsh.1         \|
505          repeat.1        \|
506          return.1        \|
507          rksh.1          \|
508          rksh93.1        \|
509          rmail.1         \|
510          rmdir.1         \|
511          rmumount.1      \|
512          select.1        \|
513          setenv.1        \|
514          settime.1       \|
515          sh.1            \|
516          snca.1          \|
517          source.1        \|
518          spellin.1       \|
519          stop.1          \|
520          strconf.1       \|

```



```

521          switch.1          \|
522          ulimit.1         \|
523          unalias.1        \|
524          uncompress.1     \|
525          unexpand.1      \|
526          unhash.1        \|
527          unlimit.1       \|
528          unpack.1        \|
529          unset.1         \|
530          unsetenv.1      \|
531          until.1         \|
532          valdate.1       \|
533          valgid.1        \|
534          valint.1        \|
535          valpath.1       \|
536          valrange.1      \|
537          valstr.1        \|
538          valtime.1       \|
539          valuid.1        \|
540          valyorn.1       \|
541          vedit.1         \|
542          whatis.1        \|
543          whence.1       \|
544          while.1        \|
545          zcat.1         \|

547 intro.1          := LINKSRC = Intro.1

549 whatis.1         := LINKSRC = apropos.1

551 unalias.1        := LINKSRC = alias.1

553 batch.1         := LINKSRC = at.1

555 dirname.1       := LINKSRC = basename.1

557 continue.1      := LINKSRC = break.1

559 chdir.1         := LINKSRC = cd.1
560 dirs.1         := LINKSRC = cd.1
561 popd.1         := LINKSRC = cd.1
562 pushd.1        := LINKSRC = cd.1

564 errdate.1       := LINKSRC = ckdate.1
565 helpdate.1     := LINKSRC = ckdate.1
566 valdate.1      := LINKSRC = ckdate.1

568 errgid.1        := LINKSRC = ckgid.1
569 helpgid.1      := LINKSRC = ckgid.1
570 valgid.1       := LINKSRC = ckgid.1

572 errint.1       := LINKSRC = ckint.1
573 helpint.1     := LINKSRC = ckint.1
574 valint.1      := LINKSRC = ckint.1

576 erritem.1      := LINKSRC = ckitem.1
577 helpitem.1    := LINKSRC = ckitem.1

579 errpath.1      := LINKSRC = ckpath.1
580 helppath.1    := LINKSRC = ckpath.1
581 valpath.1     := LINKSRC = ckpath.1

583 errrange.1     := LINKSRC = ckrange.1
584 helprange.1   := LINKSRC = ckrange.1
585 valrange.1    := LINKSRC = ckrange.1

```

```

587 errstr.1       := LINKSRC = ckstr.1
588 helpstr.1      := LINKSRC = ckstr.1
589 valstr.1       := LINKSRC = ckstr.1

591 errtime.1      := LINKSRC = cktime.1
592 helptime.1    := LINKSRC = cktime.1
593 valtime.1     := LINKSRC = cktime.1

595 erruid.1       := LINKSRC = ckuid.1
596 helpuid.1     := LINKSRC = ckuid.1
597 valuid.1      := LINKSRC = ckuid.1

599 erryorn.1      := LINKSRC = ckyorn.1
600 helpyorn.1    := LINKSRC = ckyorn.1
601 valyorn.1     := LINKSRC = ckyorn.1

603 uncompress.1  := LINKSRC = compress.1
604 zcat.1       := LINKSRC = compress.1

606 red.1         := LINKSRC = ed.1

608 disable.1     := LINKSRC = enable.1

610 decrypt.1    := LINKSRC = encrypt.1

612 checkeq.1    := LINKSRC = eqn.1
613 neqn.1       := LINKSRC = eqn.1

615 eval.1       := LINKSRC = exec.1
616 source.1     := LINKSRC = exec.1

618 goto.1       := LINKSRC = exit.1
619 return.1     := LINKSRC = exit.1

621 unexpand.1   := LINKSRC = expand.1

623 hashstat.1  := LINKSRC = hash.1
624 rehash.1    := LINKSRC = hash.1
625 unhash.1    := LINKSRC = hash.1

627 fc.1        := LINKSRC = history.1
628 hist.1      := LINKSRC = history.1

630 bg.1        := LINKSRC = jobs.1
631 fg.1        := LINKSRC = jobs.1
632 notify.1    := LINKSRC = jobs.1
633 stop.1     := LINKSRC = jobs.1

635 jsh.1      := LINKSRC = ksh93.1
636 ksh.1     := LINKSRC = ksh93.1
637 rksh.1    := LINKSRC = ksh93.1
638 rksh93.1 := LINKSRC = ksh93.1
639 sh.1      := LINKSRC = ksh93.1

641 ldapadd.1 := LINKSRC = ldapmodify.1

643 ulimit.1  := LINKSRC = limit.1
644 unlimit.1 := LINKSRC = limit.1

646 dumpkeys.1 := LINKSRC = loadkeys.1

648 rmail.1   := LINKSRC = mail.1

650 page.1    := LINKSRC = more.1

652 snca.1   := LINKSRC = nca.1

```

```

654 pcat.1      := LINKSRC = pack.1
655 unpack.1    := LINKSRC = pack.1

657 pfcsh.1     := LINKSRC = pfexec.1
658 pfksh.1     := LINKSRC = pfexec.1
659 pfsh.1      := LINKSRC = pfexec.1

661 pkill.1     := LINKSRC = pgrep.1

663 pcred.1     := LINKSRC = proc.1
664 pfiles.1    := LINKSRC = proc.1
665 pflags.1    := LINKSRC = proc.1
666 pldd.1      := LINKSRC = proc.1
667 prun.1      := LINKSRC = proc.1
668 psig.1      := LINKSRC = proc.1
669 pstack.1    := LINKSRC = proc.1
670 pstop.1     := LINKSRC = proc.1
671 ptime.1     := LINKSRC = proc.1
672 pwait.1     := LINKSRC = proc.1
673 pwdx.1      := LINKSRC = proc.1

675 rmdir.1     := LINKSRC = rm.1

677 rmount.1    := LINKSRC = rmmount.1

679 remote_shell.1 := LINKSRC = rsh.1
680 remsh.1     := LINKSRC = rsh.1

682 export.1    := LINKSRC = set.1
683 setenv.1    := LINKSRC = set.1
684 unset.1     := LINKSRC = set.1
685 unsetenv.1 := LINKSRC = set.1

687 case.1      := LINKSRC = shell_builtins.1
688 for.1       := LINKSRC = shell_builtins.1
689 foreach.1   := LINKSRC = shell_builtins.1
690 function.1  := LINKSRC = shell_builtins.1
691 if.1        := LINKSRC = shell_builtins.1
692 repeat.1    := LINKSRC = shell_builtins.1
693 select.1    := LINKSRC = shell_builtins.1
694 switch.1    := LINKSRC = shell_builtins.1
695 until.1     := LINKSRC = shell_builtins.1
696 while.1     := LINKSRC = shell_builtins.1

698 hashcheck.1 := LINKSRC = spell.1
699 hashmake.1  := LINKSRC = spell.1
700 spellin.1   := LINKSRC = spell.1

702 strconf.1   := LINKSRC = strchg.1

704 settime.1   := LINKSRC = touch.1

706 onintr.1    := LINKSRC = trap.1

708 false.1     := LINKSRC = true.1

710 whence.1    := LINKSRC = typeset.1

712 # Links to usr/has/man

714 edit.1      := LINKSRC = ../../../../has/man/manlhas/edit.lhas

716 vedit.1     := LINKSRC = ../../../../has/man/manlhas/vi.lhas

718 .KEEP_STATE:

```

```

720 include      $(SRC)/man/Makefile.man

722 install:     $(ROOTMANFILES) $(ROOTMANLINKS)

```

\*\*\*\*\*

37498 Wed Apr 8 17:03:30 2015

new/usr/src/man/man1/ed.1

5801 nuke big file scanner (bfs)

Reviewed by: Richard Lowe <richlowe@richlowe.net>

Reviewed by: Albert Lee <trisk@omniti.com>

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10 .TH ED 1 "Dec 10, 2003"
11 .SH NAME
12 ed, red \- text editor
13 .SH SYNOPSIS
14 .LP
15 .nf
16 \fB/usr/bin/ed\fR [\fB-s\fR | \fB-\fR] [\fB-p\fR \fIstring\fR] [\fB-x\fR] [\fB-C
17 .fi

19 .LP
20 .nf
21 \fB/usr/xpg4/bin/ed\fR [\fB-s\fR | \fB-\fR] [\fB-p\fR \fIstring\fR] [\fB-x\fR] [
22 .fi

24 .LP
25 .nf
26 \fB/usr/xpg6/bin/ed\fR [\fB-s\fR | \fB-\fR] [\fB-p\fR \fIstring\fR] [\fB-x\fR] [
27 .fi

29 .LP
30 .nf
31 \fB/usr/bin/red\fR [\fB-s\fR | \fB-\fR] [\fB-p\fR \fIstring\fR] [\fB-x\fR] [\fB-
32 .fi

34 .SH DESCRIPTION
35 .sp
36 .LP
37 The \fBed\fR utility is the standard text editor. If \fIfile\fR is specified,
38 \fBed\fR simulates an \fBe\fR command (see below) on the named file. That is,
39 the file is read into \fBed\fR's buffer so that it can be edited.
40 .sp
41 .LP
42 The \fBed\fR utility operates on a copy of the file it is editing. Changes made
43 to the copy have no effect on the file until a \fBw\fR (write) command is
44 given. The copy of the text being edited resides in a temporary file called the
45 \fBibuffer\fR. There is only one buffer.
46 .sp
47 .LP
48 The \fBred\fR utility is a restricted version of \fBed\fR. It will only allow
49 editing of files in the current directory. \fBred\fR prohibits executing shell
50 commands via \fB!\fR\fIshell command\fR. Attempts to bypass these restrictions
51 result in an error message (\fBrestricted shell\fR).
52 .sp
53 .LP
54 Both \fBed\fR and \fBred\fR support the \fBfspec\fR(4) formatting capability.
55 The default terminal mode is either \fBstty\fR \fB-tabs\fR or \fBstty tab3\fR,
56 where tab stops are set at eight columns (see \fBstty\fR(1)). If, however, the
57 first line of \fIfile\fR contains a format specification, that specification
58 will override the default mode. For example, tab stops would be set at 5, 10,
59 and 15, and a maximum line length of 72 would be imposed if the first line of

```

```

60 \fIfile\fR contains
61 .sp
62 .in +2
63 .nf
64 \fB<t5,10,15 s72:>\fR
65 .fi
66 .in -2
67 .sp

69 .sp
70 .LP
71 Commands to \fBed\fR have a simple and regular structure: zero, one, or two
72 \fIaddresses\fR followed by a single-character \fIcommand\fR, possibly followed
73 by parameters to that command. These addresses specify one or more lines in the
74 buffer. Every command that requires addresses has default addresses, so that
75 the addresses can very often be omitted.
76 .sp
77 .LP
78 In general, only one command may appear on a line. Certain commands allow the
79 input of text. This text is placed in the appropriate place in the buffer.
80 While \fBed\fR is accepting text, it is said to be in \fBinput mode\fR. In this
81 mode, \fBno\fR commands are recognized; all input is merely collected. Leave
82 input mode by typing a period (\fB&.\fR) at the beginning of a line, followed
83 immediately by a carriage return.
84 .sp
85 .LP
86 If \fBed\fR executes commands with arguments, it uses the default shell
87 \fB/usr/bin/sh\fR (see \fBsh\fR(1)).
88 .SS "Regular Expressions"
89 .sp
90 .LP
91 The \fBed\fR utility supports a limited form of \fBregular expression\fR
92 notation. Regular expressions are used in addresses to specify lines and in
93 some commands (for example, \fBs\fR) to specify portions of a line that are to
94 be substituted. To understand addressing in \fBed\fR, it is necessary to know
95 that at any time there is a \fBcurrent line\fR. Generally speaking, the current
96 line is the last line affected by a command. The exact effect on the current
97 line is discussed under the description of each command.
98 .sp
99 .LP
100 Internationalized Basic Regular Expressions are used for all system-supplied
101 locales. See \fBregex\fR(5).
102 .SS "ed Commands"
103 .sp
104 .LP
105 Commands may require zero, one, or two addresses. Commands that require no
106 addresses regard the presence of an address as an error. Commands that accept
107 one or two addresses assume default addresses when an insufficient number of
108 addresses is given; if more addresses are given than such a command requires,
109 the last one(s) are used.
110 .sp
111 .LP
112 Typically, addresses are separated from each other by a comma (\fB,\fR). They
113 may also be separated by a semicolon (\fB;\fR). In the latter case, the first
114 address is calculated, the current line (\fB&.\fR) is set to that value, and
115 then the second address is calculated. This feature can be used to determine
116 the starting line for forward and backward searches (see Rules 5 and 6, above).
117 The second address of any two-address sequence must correspond to a line in the
118 buffer that follows the line corresponding to the first address.
119 .sp
120 .LP
121 For \fB/usr/xpg6/gbin/ed\fR, the address can be omitted on either side of the
122 comma or semicolon separator, in which case the resulting address pairs are as
123 follows:
124 .sp

```

```

126 .sp
127 .TS
128 box;
129 c | c
130 l | l .
131 Specified      Resulting
132 -
133 ,      1 , $
134 -
135 , addr 1 , addr
136 -
137 addr ,  addr , addr
138 -
139 ;      1 ; $
140 -
141 ; addr 1 ; addr
142 -
143 addr ;  addr ; addr
144 .TE

146 .sp
147 .LP
148 Any <\fIblank\fR>s included between addresses, address separators, or address
149 offsets are ignored.
150 .sp
151 .LP
152 In the following list of \fBed\fR commands, the parentheses shown prior to the
153 command are \fInot\fR part of the address. Rather, the parentheses show the
154 default address(es) for the command.
155 .sp
156 .LP
157 Each address component can be preceded by zero or more blank characters. The
158 command letter can be preceded by zero or more blank characters. If a suffix
159 letter (\fBl\fR, \fBn\fR, or \fBp\fR) is given, it must immediately follow the
160 command.
161 .sp
162 .LP
163 The \fBe\fR, \fBE\fR, \fBf\fR, \fBr\fR, and \fBw\fR commands take an optional
164 \fIfile\fR parameter, separated from the command letter by one or more blank
165 characters.
166 .sp
167 .LP
168 If changes have been made in the buffer since the last \fBw\fR command that
169 wrote the entire buffer, \fBed\fR warns the user if an attempt is made to
170 destroy the editor buffer via the \fBe\fR or \fBq\fR commands. The \fBed\fR
171 utility writes the string:
172 .sp
173 .in +2
174 .nf
175 "?\en"
176 .fi
177 .in -2
178 .sp

180 .sp
181 .LP
182 (followed by an explanatory message if \fIhelp mode\fR has been enabled via the
183 \fBH\fR command) to standard output and continues in command mode with the
184 current line number unchanged. If the \fBe\fR or \fBq\fR command is repeated
185 with no intervening command, \fBed\fR takes effect.
186 .sp
187 .LP
188 If an end-of-file is detected on standard input when a command is expected, the
189 \fBed\fR utility acts as if a \fBq\fR command had been entered.
190 .sp
191 .LP

```

```

192 It is generally illegal for more than one command to appear on a line. However,
193 any command (except \fBe\fR, \fBf\fR, \fBr\fR, or \fBw\fR) may be suffixed by
194 \fBl\fR, \fBn\fR, or \fBp\fR in which case the current line is either listed,
195 numbered or written, respectively, as discussed below under the \fBl\fR,
196 \fBn\fR, and \fBp\fR commands.
197 .sp
198 .ne 2
199 .na
200 \fB\fB(.)a\fR\fR
201 .ad
202 .br
203 .na
204 \fB<\fItext\fR> \fR
205 .ad
206 .br
207 .na
208 \fB\fB&.\fR\fR
209 .ad
210 .RS 11n
211 The \fBa\fRppend command accepts zero or more lines of text and appends it
212 after the addressed line in the buffer. The current line (\fB&.\fR) is left at
213 the last inserted line, or, if there were none, at the addressed line. Address
214 0 is legal for this command: it causes the 'appended' text to be placed at
215 the beginning of the buffer. The maximum number of characters that may be
216 entered from a terminal is 256 per line (including the new-line character).
217 .RE

219 .sp
220 .ne 2
221 .na
222 \fB\fB(..)c\fR\fR
223 .ad
224 .br
225 .na
226 \fB<\fItext\fR>\fR
227 .ad
228 .br
229 .na
230 \fB\fB&.\fR\fR
231 .ad
232 .RS 11n
233 The \fBc\fRrange command deletes the addressed lines from the buffer, then
234 accepts zero or more lines of text that replaces these lines in the buffer. The
235 current line (\fB&.\fR) is left at the last line input, or, if there were
236 none, at the first line that was not deleted. If the lines deleted were
237 originally at the end of the buffer, the current line number will be set to the
238 address of the new last line. If no lines remain in the buffer, the current
239 line number will be set to 0.
240 .sp
241 .ne 2
242 .na
243 \fB\fB/usr/xpg4/bin/ed\fR\fR
244 .ad
245 .RS 20n
246 Address 0 is not legal for this command.
247 .RE

249 .sp
250 .ne 2
251 .na
252 \fB\fB/usr/xpg6/bin/ed\fR\fR
253 .ad
254 .RS 20n
255 Address 0 is valid for this command. It is interpreted as if the address 1 were
256 specified.
257 .RE

```

```

259 .RE

261 .sp
262 .ne 2
263 .na
264 \fB\fBC\fR\fR
265 .ad
266 .RS 11n
267 Same as the \fBX\fR command, described later, except that \fBed\fR assumes all
268 text read in for the \fBe\fR and \fBr\fR commands is encrypted unless a null
269 key is typed in.
270 .RE

272 .sp
273 .ne 2
274 .na
275 \fB\fB(.,.)d\fR\fR
276 .ad
277 .RS 11n
278 The \fBd\fRdelete command deletes the addressed lines from the buffer. The line
279 after the last line deleted becomes the current line. If the lines deleted were
280 originally at the end of the buffer, the new last line becomes the current
281 line. If no lines remain in the buffer, the current line number will be set to
282 0.
283 .RE

285 .sp
286 .ne 2
287 .na
288 \fB\fBe\fR \fIfile\fR
289 .ad
290 .RS 11n
291 The \fBe\fRdit command deletes the entire contents of the buffer and then reads
292 the contents of \fIfile\fR into the buffer. The current line (\fB&.\fR) is set
293 to the last line of the buffer. If \fIfile\fR is not given, the currently
294 remembered file name, if any, is used (see the \fBf\fR command). The number of
295 bytes read will be written to standard output, unless the \fB-s\fR option was
296 specified, in the following format:
297 .sp
298 \fB"%d\n" \fR <\fInumber of bytes read\fR>
299 .sp
300 \fIfile\fR is remembered for possible use as a default file name in subsequent
301 \fBe\fR, \fBE\fR, \fBr\fR, and \fBw\fR commands. If \fIfile\fR is replaced by
302 \fB!\fR, the rest of the line is taken to be a shell ( \fBsh\fR(1)) command
303 whose output is to be read. Such a shell command is \fInot\fR remembered as the
304 current file name. See also DIAGNOSTICS below. All marks are discarded upon
305 the completion of a successful \fBe\fR command. If the buffer has changed since
306 the last time the entire buffer was written, the user is warned, as described
307 previously.
308 .RE

310 .sp
311 .ne 2
312 .na
313 \fB\fBE\fR \fIfile\fR
314 .ad
315 .RS 11n
316 The \fBE\fRdit command is like \fBe\fR, except that the editor does not check
317 to see if any changes have been made to the buffer since the last \fBw\fR
318 command.
319 .RE

321 .sp
322 .ne 2
323 .na

```

```

324 \fB\fBf\fR \fIfile\fR
325 .ad
326 .RS 11n
327 If \fIfile\fR is given, the \fBf\fR command changes the currently remembered
328 path name to \fIfile\fR. Whether the name is changed or not, the \fBf\fR
329 command then writes the (possibly new) currently remembered path name to the
330 standard output in the following format:
331 .sp
332 \fB"%s\n" \fR \fIpathname\fR
333 .sp
334 The current line number is unchanged.
335 .RE

337 .sp
338 .ne 2
339 .na
340 \fB\fB(1,$)g\fR \fIIRE\fR \fB/\fR \fIcommand list\fR
341 .ad
342 .RS 26n
343 In the \fBg\fRlobal command, the first step is to mark every line that matches
344 the given \fIIRE\fR. Then, for every such line, the given \fIcommand list\fR is
345 executed with the current line (\fB&.\fR) initially set to that line. When the
346 \fBg\fR command completes, the current line number has the value assigned by
347 the last command in the command list. If there were no matching lines, the
348 current line number is not changed. A single command or the first of a list of
349 commands appears on the same line as the global command. All lines of a
350 multi-line list except the last line must be ended with a backslash
351 (\fBe\fR|); \fBa\fR, \fBi\fR, and \fBc\fR commands and associated input are
352 permitted. The \fB&.\fR terminating input mode may be omitted if it would be
353 the last line of the \fIcommand list\fR. An empty \fIcommand list\fR is
354 equivalent to the \fBp\fR command. The \fBg\fR, \fBg\fR, \fBv\fR, \fBv\fR, and
355 \fB!\fR commands are \fInot\fR permitted in the \fIcommand list\fR. See also
356 the NOTES and the last paragraph before FILES below. Any character other than
357 space or newline can be used instead of a slash to delimit the \fIIRE\fR. Within
358 the \fIIRE\fR, the \fIIRE\fR delimiter itself can be used as a literal character
359 if it is preceded by a backslash.
360 .RE

362 .sp
363 .ne 2
364 .na
365 \fB\fB(1,$)G\fR \fIIRE\fR \fB/\fR
366 .ad
367 .RS 26n
368 In the interactive \fBg\fRlobal command, the first step is to mark every line
369 that matches the given \fIIRE\fR. Then, for every such line, that line is
370 written to standard output, the current line (\fB&.\fR) is changed to that
371 line, and any \fIone\fR command (other than one of the \fBa\fR, \fBc\fR,
372 \fBi\fR, \fBg\fR, \fBg\fR, \fBv\fR, and \fBv\fR commands) may be input and is
373 executed. After the execution of that command, the next marked line is written,
374 and so on. A new-line acts as a null command. An \fB&\fR causes the
375 re-execution of the most recent non-null command executed within the current
376 invocation of \fBg\fR. \fBNote:\fR The commands input as part of the execution
377 of the \fBg\fR command may address and affect \fBany\fR lines in the buffer.
378 The final value of the current line number is the value set by the last command
379 successfully executed. (Notice that the last command successfully executed is
380 the \fBg\fR command itself if a command fails or the null command is
381 specified.) If there were no matching lines, the current line number is not
382 changed. The \fBg\fR command can be terminated by a \fBSIGINT\fR signal. The
383 \fBg\fR command can be terminated by an interrupt signal (ASCII DEL or BREAK).
384 Any character other than space or newline can be used instead of a slash to
385 delimit the \fIIRE\fR. Within the \fIIRE\fR, the \fIIRE\fR delimiter itself can be
386 used as a literal character if it is preceded by a backslash.
387 .RE

389 .sp

```

```

390 .ne 2
391 .na
392 \fB\fBh\fR\fR
393 .ad
394 .RS 26n
395 The \fBhelp\fR command gives a short error message that explains the reason for
396 the most recent \fB?\fR diagnostic. The current line number is unchanged.
397 .RE

399 .sp
400 .ne 2
401 .na
402 \fB\fBH\fR\fR
403 .ad
404 .RS 26n
405 The \fBHelp\fR command causes \fBed\fR to enter a mode in which error messages
406 are written for all subsequent \fB?\fR diagnostics. It also explains the
407 previous \fB?\fR if there was one. The \fBH\fR command alternately turns this
408 mode on and off; it is initially off. The current line number is unchanged.
409 .RE

411 .sp
412 .ne 2
413 .na
414 \fB\fB(.,.)i\fR\fR
415 .ad
416 .br
417 .na
418 \fB<\fItext\fR>\fR
419 .ad
420 .br
421 .na
422 \fB\fB&.\fR\fR
423 .ad
424 .RS 26n
425 The \fBinsert\fR command accepts zero or more lines of text and inserts it
426 before the addressed line in the buffer. The current line (\fB&.\fR) is left
427 at the last inserted line, or, if there were none, at the addressed line. This
428 command differs from the \fBa\fR command only in the placement of the input
429 text. The maximum number of characters that may be entered from a terminal is
430 256 per line (including the new-line character).
431 .sp
432 .ne 2
433 .na
434 \fB\fB/usr/xpg4/bin/ed\fR\fR
435 .ad
436 .RS 20n
437 Address 0 is not legal for this command.
438 .RE

440 .sp
441 .ne 2
442 .na
443 \fB\fB/usr/xpg6/bin/ed\fR\fR
444 .ad
445 .RS 20n
446 Address 0 is valid for this command. It is interpreted as if the address 1 were
447 specified.
448 .RE

450 .RE

452 .sp
453 .ne 2
454 .na
455 \fB\fB(.,.+1)j\fR\fR

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456 .ad
457 .RS 26n
458 The \fBj\fRoin command joins contiguous lines by removing the appropriate
459 new-line characters. If exactly one address is given, this command does
460 nothing. If lines are joined, the current line number is set to the address of
461 the joined line. Otherwise, the current line number is unchanged.
462 .RE

464 .sp
465 .ne 2
466 .na
467 \fB\fB(.)k\fR\fIx\fR\fR
468 .ad
469 .RS 26n
470 The \fBmar\fR command marks the addressed line with name \fIx\fR, which must
471 be an ASCII lower-case letter (\fBa\fR-\fBz\fR). The address \fI a'x\fR
472 then addresses this line. The current line (\fB&.\fR) is unchanged.
473 .RE

475 .sp
476 .ne 2
477 .na
478 \fB\fB(.,.)l\fR\fR
479 .ad
480 .RS 26n
481 The \fBl\fR command writes to standard output the addressed lines in a visually
482 unambiguous form. The characters ( \fB\e\fR, \fB\ea\fR, \fB\eb\fR, \fB\ef\fR,
483 \fB\er\fR, \fB\et\fR, \fB\ev\fR) are written as the corresponding escape
484 sequence. The \fB\en\fR in that table is not applicable. Non-printable
485 characters not in the table are written as one three-digit octal number (with a
486 preceding backslash character) for each byte in the character, with the most
487 significant byte first.
488 .sp
489 Long lines are folded, with the point of folding indicated by writing
490 backslash/newline character. The length at which folding occurs is unspecified,
491 but should be appropriate for the output device. The end of each line is marked
492 with a \fB$\fR. When using the \fB/usr/xpg6/bin/ed\fR command, the end of each
493 line is marked with a \fB$\fR due to folding, and \fB$\fR characters within the
494 text are written with a preceding backslash. An \fBl\fR command can be appended
495 to any other command other than \fBe\fR, \fBE\fR, \fBf\fR, \fBq\fR, \fBQ\fR,
496 \fBr\fR, \fBw\fR, or \fB!\fR. The current line number is set to the address of
497 the last line written.
498 .RE

500 .sp
501 .ne 2
502 .na
503 \fB\fB(.,.)m\fR\fIa\fR\fR
504 .ad
505 .RS 26n
506 The \fBm\fRove command repositions the addressed line(s) after the line
507 addressed by \fIa\fR. Address 0 is legal for \fIa\fR and causes the addressed
508 line(s) to be moved to the beginning of the file. It is an error if address
509 \fIa\fR falls within the range of moved lines. The current line (\fB&.\fR) is
510 left at the last line moved.
511 .RE

513 .sp
514 .ne 2
515 .na
516 \fB\fB(.,.)n\fR\fR
517 .ad
518 .RS 26n
519 The \fBn\fRumber command writes the addressed lines, preceding each line by its
520 line number and a tab character. The current line (\fB&.\fR) is left at the
521 last line written. The \fBn\fR command may be appended to any command other

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522 than \fBe\fR, \fBE\fR, \fBf\fR, \fBq\fR, \fBQ\fR, \fBr\fR, \fBw\fR, or \fB!\fR.
523 .RE

525 .sp
526 .ne 2
527 .na
528 \fB\fB(.,.)p\fR\fR
529 .ad
530 .RS 26n
531 The \fBp\fRrint command writes the addressed lines to standard output. The
532 current line (\fB&.\fR) is left at the last line written. The \fBp\fR command
533 may be appended to any command other than \fBe\fR, \fBE\fR, \fBf\fR, \fBq\fR,
534 \fBQ\fR, \fBr\fR, \fBw\fR, or \fB!\fR. For example, \fBdp\fR deletes the
535 current line and writes the new current line.
536 .RE

538 .sp
539 .ne 2
540 .na
541 \fB\fBp\fR\fR
542 .ad
543 .RS 26n
544 The \fBp\fR command causes \fBd\fR to prompt with an asterisk (\fB*\fR) (or
545 \fBistring\fR, if \fB-p\fR is specified) for all subsequent commands. The
546 \fBp\fR command alternatively turns this mode on and off; it is initially on if
547 the \fB-p\fR option is specified, otherwise off. The current line is unchanged.
548 .RE

550 .sp
551 .ne 2
552 .na
553 \fB\fBq\fR\fR
554 .ad
555 .RS 26n
556 The \fBq\fRuit command causes \fBd\fR to exit. If the buffer has changed since
557 the last time the entire buffer was written, the user is warned. See
558 DIAGNOSTICS.
559 .RE

561 .sp
562 .ne 2
563 .na
564 \fB\fBQ\fR\fR
565 .ad
566 .RS 26n
567 The editor exits without checking if changes have been made in the buffer since
568 the last \fBw\fR command.
569 .RE

571 .sp
572 .ne 2
573 .na
574 \fB\fB($)r\fR \fBifile\fR\fR
575 .ad
576 .RS 26n
577 The \fBr\fRead command reads the contents of \fBifile\fR into the buffer. If
578 \fBifile\fR is not given, the currently remembered file name, if any, is used
579 (see the \fBe\fR and \fBf\fR commands). The currently remembered file name is
580 \fBnot\fR changed unless \fBifile\fR is the very first file name mentioned since
581 \fBd\fR was invoked. Address 0 is legal for \fBr\fR and causes the file to be
582 read in at the beginning of the buffer. If the read is successful and the
583 \fB-s\fR option was not specified, the number of characters read is written to
584 standard output in the following format:
585 .sp
586 .in +2
587 .nf

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588 \fB%d\en\fR, <\fInumber of bytes read\fR>
589 .fi
590 .in -2
591 .sp

593 The current line (\fB&.\fR) is set to the last line read. If \fBifile\fR is
594 replaced by \fB!\fR, the rest of the line is taken to be a shell command (see
595 \fBsh\fR(1)) whose output is to be read. For example, \fB$r !ls\fR appends the
596 current directory to the end of the file being edited. Such a shell command is
597 \fBnot\fR remembered as the current file name.
598 .RE

600 .sp
601 .ne 2
602 .na
603 \fB\fB(.,.)s/\fR\fIRE\fR/\fB/\fR\fIreplacement\fR/\fB/\fR\fR
604 .ad
605 .br
606 .na
607 \fB\fB(.,.)s/\fR\fIRE\fR/\fB/\fR\fIreplacement\fR/\fB/\fR\fIcount\fR,
608 \fB\fIcount\fR=[\fB1-2047\fR]\fR
609 .ad
610 .br
611 .na
612 \fB\fB(.,.)s/\fR\fIRE\fR/\fB/\fR\fIreplacement\fR/\fB/g\fR\fR
613 .ad
614 .br
615 .na
616 \fB\fB(.,.)s/\fR\fIRE\fR/\fB/\fR\fIreplacement\fR/\fB/l\fR\fR
617 .ad
618 .br
619 .na
620 \fB\fB(.,.)s/\fR\fIRE\fR/\fB/\fR\fIreplacement\fR/\fB/n\fR\fR
621 .ad
622 .br
623 .na
624 \fB\fB(.,.)s/\fR\fIRE\fR/\fB/\fR\fIreplacement\fR/\fB/p\fR\fR
625 .ad
626 .sp .6
627 .RS 4n
628 The \fBs\fRubstitute command searches each addressed line for an occurrence of
629 the specified \fBIRE\fR. Zero or more substitution commands can be specified. In
630 each line in which a match is found, all (non-overlapped) matched strings are
631 replaced by the \fIreplacement\fR if the global replacement indicator \fBg\fR
632 appears after the command. If the global indicator does not appear, only the
633 first occurrence of the matched string is replaced. If a number \fIcount\fR
634 appears after the command, only the \fIcount\fR-th occurrence of the matched
635 string on each addressed line is replaced. It is an error if the substitution
636 fails on \fBall\fR addressed lines. Any character other than space or new-line
637 may be used instead of the slash (\fB/\fR) to delimit the \fIRE\fR and the
638 \fIreplacement\fR. The current line (\fB&.\fR) is left at the last line on
639 which a substitution occurred. Within the \fIRE\fR, the \fIRE\fR delimiter
640 itself can be used as a literal character if it is preceded by a backslash. See
641 also the last paragraph before FILES below.
642 .sp
643 An ampersand (\fB&\fR) appearing in the \fIreplacement\fR is replaced by the
644 string matching the \fIRE\fR on the current line. The special meaning of
645 \fB&\fR in this context may be suppressed by preceding it by \fB\e\fR|. As a
646 more general feature, the characters \fB\e\fR\fIn\fR, where \fIn\fR is a digit,
647 are replaced by the text matched by the \fIn\fR-th regular subexpression of the
648 specified \fIRE\fR enclosed between \fB(e(\fR and \fB(e)\fR&. When nested
649 parenthesized subexpressions are present, \fIn\fR is determined by counting
650 occurrences of \fB(e(\fR starting from the left. When the character \fB%\fR is
651 the only character in the \fIreplacement\fR, the \fIreplacement\fR used in the
652 most recent substitute command is used as the \fIreplacement\fR in the current
653 substitute command. If there was no previous substitute command, the use of

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654 \fB%\fR in this manner is an error. The \fB%\fR loses its special meaning when  
 655 it is in a replacement string of more than one character or is preceded by a  
 656 \fB\e\fR|. For each backslash (\e) encountered in scanning \fIreplacement\fR  
 657 from beginning to end, the following character loses its special meaning (if  
 658 any). It is unspecified what special meaning is given to any character other  
 659 than \fB&\fR, \fB\e\fR, \fB%\fR, or digits.

660 .sp  
 661 A line may be split by substituting a new-line character into it. The new-line  
 662 in the \fIreplacement\fR must be escaped by preceding it by \fB\e\fR&. Such  
 663 substitution cannot be done as part of a \fBg\fR or \fBv\fR command list. The  
 664 current line number is set to the address of the last line on which a  
 665 substitution is performed. If no substitution is performed, the current line  
 666 number is unchanged. If a line is split, a substitution is considered to have  
 667 been performed on each of the new lines for the purpose of determining the new  
 668 current line number. A substitution is considered to have been performed even  
 669 if the replacement string is identical to the string that it replaces.

670 .sp  
 671 The substitute command supports the following indicators:

672 .sp  
 673 .ne 2  
 674 .na  
 675 \fB\fIcount\fR\fR  
 676 .ad  
 677 .RS 9n  
 678 Substitute for the \fIcount\fRth occurrence only of the \fIRE\fR found on each  
 679 addressed line. \fIcount\fR must be between \fB1\fR-\fB2047\fR.

680 .RE

682 .sp  
 683 .ne 2  
 684 .na  
 685 \fB\fBg\fR\fR  
 686 .ad  
 687 .RS 9n  
 688 Globally substitute for all non-overlapping instances of the \fIRE\fR rather  
 689 than just the first one. If both \fBg\fR and \fIcount\fR are specified, the  
 690 results are unspecified.

691 .RE

693 .sp  
 694 .ne 2  
 695 .na  
 696 \fB\fBl\fR\fR  
 697 .ad  
 698 .RS 9n  
 699 Write to standard output the final line in which a substitution was made. The  
 700 line is written in the format specified for the \fBl\fR command.

701 .RE

703 .sp  
 704 .ne 2  
 705 .na  
 706 \fB\fBn\fR\fR  
 707 .ad  
 708 .RS 9n  
 709 Write to standard output the final line in which a substitution was made. The  
 710 line is written in the format specified for the \fBn\fR command.

711 .RE

713 .sp  
 714 .ne 2  
 715 .na  
 716 \fB\fBp\fR\fR  
 717 .ad  
 718 .RS 9n  
 719 Write to standard output the final line in which a substitution was made. The

720 line will be written in the format specified for the \fBp\fR command.

721 .RE

723 .RE

725 .sp  
 726 .ne 2  
 727 .na  
 728 \fB\fB(.,.)t\fR\fIa\fR\fR  
 729 .ad  
 730 .sp .6  
 731 .RS 4n  
 732 This command acts just like the \fBm\fR command, except that a \fIcopy\fR of  
 733 the addressed lines is placed after address \fBa\fR (which may be 0). The  
 734 current line (\fB&.\fR) is left at the last line copied.

735 .RE

737 .sp  
 738 .ne 2  
 739 .na  
 740 \fB\fBu\fR\fR  
 741 .ad  
 742 .sp .6  
 743 .RS 4n  
 744 The \fBu\fRndo command nullifies the effect of the most recent command that  
 745 modified anything in the buffer, namely the most recent \fBa\fR, \fBc\fR,  
 746 \fBd\fR, \fBg\fR, \fBi\fR, \fBj\fR, \fBm\fR, \fBr\fR, \fBs\fR, \fBt\fR,  
 747 \fBu\fR, \fBv\fR, \fBg\fR, or \fBV\fR command. All changes made to the buffer  
 748 by a \fBg\fR, \fBg\fR, \fBv\fR, or \fBV\fR global command is undone as a single  
 749 change. If no changes were made by the global command (such as with \fBg/\fR  
 750 \fIRE\fR\fB/p\fR), the \fBu\fR command has no effect. The current line number  
 751 is set to the value it had immediately before the command being undone

752 started.

753 .RE

755 .sp  
 756 .ne 2  
 757 .na  
 758 \fB\fB(1,\$)v\fR\fIRE\fR\fB/\fR\fIcommand list\fR\fR  
 759 .ad  
 760 .sp .6  
 761 .RS 4n  
 762 This command is the same as the global command \fBg\fR, except that the lines  
 763 marked during the first step are those that do \fBnot\fR match the \fIRE\fR.

764 .RE

766 .sp  
 767 .ne 2  
 768 .na  
 769 \fB\fB(1,\$)V\fR\fIRE\fR\fB/\fR\fR  
 770 .ad  
 771 .sp .6  
 772 .RS 4n  
 773 This command is the same as the interactive global command \fBg\fR, except that  
 774 the lines that are marked during the first step are those that do \fBnot\fR  
 775 match the \fIRE\fR.

776 .RE

778 .sp  
 779 .ne 2  
 780 .na  
 781 \fB\fB(1,\$)w\fR \fIfile\fR\fR  
 782 .ad  
 783 .sp .6  
 784 .RS 4n  
 785 The \fBw\fRrite command writes the addressed lines into \fIfile\fR. If



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786 \fIfile\fR does not exist, it is created with mode \fB666\fR (readable and
787 writable by everyone), unless your file creation mask dictates otherwise. See
788 the description of the \fBumask\fR special command on \fBsh\fR(1). The
789 currently remembered file name is \fBnot\fR changed unless \fIfile\fR is the
790 very first file name mentioned since \fBed\fR was invoked. If no file name is
791 given, the currently remembered file name, if any, is used (see the \fBe\fR and
792 \fBF\fR commands). The current line (\fB&.\fR) is unchanged. If the command is
793 successful, the number of characters written is printed, unless the \fB-s\fR
794 option is specified in the following format:
795 .sp
796 .in +2
797 .nf
798 \fB"%d\n",\fR<\fInumber of bytes written\fR>
799 .fi
800 .in -2
801 .sp

803 If \fIfile\fR is replaced by \fB!\fR, the rest of the line is taken to be a
804 shell (see \fBsh\fR(1)) command whose standard input is the addressed lines.
805 Such a shell command is \fInot\fR remembered as the current path name. This
806 usage of the write command with \fB!\fR is to be considered as a ``last \fBw\fR
807 command that wrote the entire buffer''.
808 .RE

810 .sp
811 .ne 2
812 .na
813 \fB\fB(1,$)\fW\fR \fIfile\fR\fR
814 .ad
815 .RS 19n
816 This command is the same as the \fBw\fRrite command above, except that it
817 appends the addressed lines to the end of \fIfile\fR if it exists. If
818 \fIfile\fR does not exist, it is created as described above for the \fBw\fR
819 command.
820 .RE

822 .sp
823 .ne 2
824 .na
825 \fB\fBx\fR\fR
826 .ad
827 .RS 19n
828 An educated guess is made to determine whether text read for the \fBe\fR and
829 \fBr\fR commands is encrypted. A null key turns off encryption. Subsequent
830 \fBe\fR, \fBr\fR, and \fBw\fR commands will use this key to encrypt or decrypt
831 the text. An explicitly empty key turns off encryption. Also, see the \fB-x\fR
832 option of \fBed\fR.
833 .RE

835 .sp
836 .ne 2
837 .na
838 \fB\fB($)=\fR\fR
839 .ad
840 .RS 19n
841 The line number of the addressed line is written to standard output in the
842 following format:
843 .sp
844 .in +2
845 .nf
846 \fB"%d\n"\fR<\fIline number\fR>
847 .fi
848 .in -2
849 .sp

851 The current line number is unchanged by this command.

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```

852 .RE

854 .sp
855 .ne 2
856 .na
857 \fB\fB!\fR\fIshell command\fR\fR
858 .ad
859 .RS 19n
860 The remainder of the line after the \fB!\fR is sent to the UNIX system shell
861 (see \fBsh\fR(1)) to be interpreted as a command. Within the text of that
862 command, the unescaped character \fB%\fR is replaced with the remembered file
863 name. If a \fB!\fR appears as the first character of the shell command, it is
864 replaced with the text of the previous shell command. Thus, \fB!!\fR repeats
865 the last shell command. If any replacements of \fB%\fR or \fB!\fR are
866 performed, the modified line is written to the standard output before
867 \fIcommand\fR is executed. The \fB!\fR command will write:
868 .sp
869 \fB"!\n"\fR
870 .sp
871 to standard output upon completion, unless the \fB-s\fR option is specified.
872 The current line number is unchanged.
873 .RE

875 .sp
876 .ne 2
877 .na
878 \fB\fB(.+1)\fR<new-line>\fR
879 .ad
880 .RS 19n
881 An address alone on a line causes the addressed line to be written. A new-line
882 alone is equivalent to \fB&.+1p\fR. It is useful for stepping forward through
883 the buffer. The current line number will be set to the address of the written
884 line.
885 .RE

887 .sp
888 .LP
889 If an interrupt signal (ASCII DEL or BREAK) is sent, \fBed\fR writes a
890 "\fB?\n\fR" and returns to \fBbits\fR command level.
891 .sp
892 .LP
893 The \fBed\fR utility takes the standard action for all signals with the
894 following exceptions:
895 .sp
896 .ne 2
897 .na
898 \fB\fBSIGINT\fR\fR
899 .ad
900 .RS 10n
901 The \fBed\fR utility interrupts its current activity, writes the string
902 "\fB?\n\fR" to standard output, and returns to command mode.
903 .RE

905 .sp
906 .ne 2
907 .na
908 \fB\fBSIGHUP\fR\fR
909 .ad
910 .RS 10n
911 If the buffer is not empty and has changed since the last write, the \fBed\fR
912 utility attempts to write a copy of the buffer in a file. First, the file named
913 \fBed.hup\fR in the current directory is used. If that fails, the file named
914 \fBed.hup\fR in the directory named by the \fBHOME\fR environment variable is
915 used. In any case, the \fBed\fR utility exits without returning to command
916 mode.
917 .RE

```

```

919 .sp
920 .LP
921 Some size limitations are in effect: 512 characters in a line, 256 characters
922 in a global command list, and 255 characters in the path name of a file
923 (counting slashes). The limit on the number of lines depends on the amount of
924 user memory. Each line takes 1 word.
925 .sp
926 .LP
927 When reading a file, \fBed\fR discards \fBASCII\fR and \fBNUL\fR characters.
928 .sp
929 .LP
930 If a file is not terminated by a new-line character, \fBed\fR adds one and puts
931 out a message explaining what it did.
932 .sp
933 .LP
934 If the closing delimiter of an \fBRE\fR or of a replacement string (for
935 example, \fB/\fR) would be the last character before a new-line, that delimiter
936 may be omitted, in which case the addressed line is written. The following
937 pairs of commands are equivalent:
938 .sp
939 .ne 2
940 .na
941 \fB\fBs/s1/s2\fR\fR
942 .ad
943 .RS 11n
944 \fBs/s1/s2/p\fR
945 .RE

947 .sp
948 .ne 2
949 .na
950 \fB\fBg/s1\fR\fR
951 .ad
952 .RS 11n
953 \fBg/s1/p\fR
954 .RE

956 .sp
957 .ne 2
958 .na
959 \fB\fB?s1\fR\fR
960 .ad
961 .RS 11n
962 \fB?s1?\fR
963 .RE

965 .sp
966 .LP
967 If an invalid command is entered, \fBed\fR writes the string:
968 .sp
969 .LP
970 \fB"?\en"\fR
971 .sp
972 .LP
973 (followed by an explanatory message if \fIhelp mode\fR has been enabled by the
974 \fBH\fR command) to standard output and continues in command mode with the
975 current line number unchanged.
976 .SH OPTIONS
977 .sp
978 .ne 2
979 .na
980 \fB\fB-C\fR\fR
981 .ad
982 .RS 13n
983 Encryption option. The same as the \fB-x\fR option, except that \fBed\fR

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984 simulates a \fBC\fR command. The \fBC\fR command is like the \fBX\fR command,
985 except that all text read in is assumed to have been encrypted.
986 .RE

988 .sp
989 .ne 2
990 .na
991 \fB\fB\fR\fB-p\fR\fIstring\fR \fR
992 .ad
993 .RS 13n
994 Allows the user to specify a prompt string. By default, there is no prompt
995 string.
996 .RE

998 .sp
999 .ne 2
1000 .na
1001 \fB\fB-s\fR | \fB-;\fR\fR
1002 .ad
1003 .RS 13n
1004 Suppresses the writing of character counts by \fBe\fR, \fBr\fR, and \fBw\fR
1005 commands, of diagnostics from \fBe\fR and \fBq\fR commands, and of the \fB!\fR
1006 prompt after a \fB!\fR\fIshell command\fR.
1007 .RE

1009 .sp
1010 .ne 2
1011 .na
1012 \fB\fB-x\fR\fR
1013 .ad
1014 .RS 13n
1015 Encryption option. When \fB-x\fR is used, \fBed\fR simulates an \fBX\fR command
1016 and prompts the user for a key. The \fBX\fR command makes an educated guess to
1017 determine whether text read in is encrypted or not. The temporary buffer file
1018 is encrypted also, using a transformed version of the key typed in for the
1019 \fB-x\fR option. See NOTES.
1020 .RE

1022 .SH OPERANDS
1023 .sp
1024 .LP
1025 The following operand is supported:
1026 .sp
1027 .ne 2
1028 .na
1029 \fB\fIfile\fR
1030 .ad
1031 .RS 8n
1032 If \fIfile\fR is specified, \fBed\fR simulates an \fBe\fR command on the file
1033 named by the path name \fIfile\fR before accepting commands from the standard
1034 input.
1035 .RE

1037 .SH USAGE
1038 .sp
1039 .LP
1040 See \fBlargefile\fR(5) for the description of the behavior of \fBed\fR and
1041 \fBred\fR when encountering files greater than or equal to 2 Gbyte ( 2^31
1042 bytes).
1043 .SH ENVIRONMENT VARIABLES
1044 .sp
1045 .LP
1046 See \fBenviron\fR(5) for descriptions of the following environment variables
1047 that affect the execution of \fBed\fR: \fBHOME\fR, \fBLANG\fR, \fBLC_ALL\fR,
1048 \fBLC_CTYPE\fR, \fBLC_COLLATE\fR, \fBLC_MESSAGES\fR, and \fBNLSPATH\fR.
1049 .SH EXIT STATUS

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1050 .sp
1051 .LP
1052 The following exit values are returned:
1053 .sp
1054 .ne 2
1055 .na
1056 \fB\FB0\FR\FR
1057 .ad
1058 .RS 6n
1059 Successful completion without any file or command errors.
1060 .RE

1062 .sp
1063 .ne 2
1064 .na
1065 \fB\FB>0\FR\FR
1066 .ad
1067 .RS 6n
1068 An error occurred.
1069 .RE

1071 .SH FILES
1072 .sp
1073 .ne 2
1074 .na
1075 \fB\FB$TMPDIR\FR\FR
1076 .ad
1077 .RS 12n
1078 If this environment variable is not \fINULL\FR, its value is used in place of
1079 \fB/var/tmp\FR as the directory name for the temporary work file.
1080 .RE

1082 .sp
1083 .ne 2
1084 .na
1085 \fB\FB/var/tmp\FR\FR
1086 .ad
1087 .RS 12n
1088 If \fB/var/tmp\FR exists, it is used as the directory name for the temporary
1089 work file.
1090 .RE

1092 .sp
1093 .ne 2
1094 .na
1095 \fB\FB/tmp\FR\FR
1096 .ad
1097 .RS 12n
1098 If the environment variable \fBTMPDIR\FR does not exist or is \fINULL\FR and
1099 if \fB/var/tmp\FR does not exist, then \fB/tmp\FR is used as the directory name
1100 for the temporary work file.
1101 .RE

1103 .sp
1104 .ne 2
1105 .na
1106 \fB\FBbed.hup\FR\FR
1107 .ad
1108 .RS 12n
1109 Work is saved here if the terminal is hung up.
1110 .RE

1112 .SH ATTRIBUTES
1113 .sp
1114 .LP
1115 See \fBattributes\FR(5) for descriptions of the following attributes:

```

```

1116 .SS "/usr/bin/ed, /usr/bin/red"
1117 .sp

1119 .sp
1120 .TS
1121 box;
1122 c | c
1123 l | l .
1124 ATTRIBUTE TYPE ATTRIBUTE VALUE
1125 -
1126 CSI Enabled
1127 .TE

1129 .SS "/usr/xpg4/bin/ed"
1130 .sp

1132 .sp
1133 .TS
1134 box;
1135 c | c
1136 l | l .
1137 ATTRIBUTE TYPE ATTRIBUTE VALUE
1138 -
1139 CSI Enabled
1140 -
1141 Interface Stability Standard
1142 .TE

1144 .SS "/usr/xpg6/bin/ed"
1145 .sp

1147 .sp
1148 .TS
1149 box;
1150 c | c
1151 l | l .
1152 ATTRIBUTE TYPE ATTRIBUTE VALUE
1153 -
1154 CSI Enabled
1155 -
1156 Interface Stability Standard
1157 .TE

1159 .SH SEE ALSO
1160 .sp
1161 .LP
1162 \fBbedit\FR(1), \fBbex\FR(1), \fBgrep\FR(1), \fBksh\FR(1),
1163 \fBbfs\FR(1), \fBedit\FR(1), \fBex\FR(1), \fBgrep\FR(1), \fBksh\FR(1),
1164 \fBsed\FR(1), \fBsh\FR(1), \fBstty\FR(1), \fBumask\FR(1), \fBvi\FR(1),
1165 \fBfspec\FR(4), \fBattributes\FR(5), \fBenviron\FR(5), \fBlargefile\FR(5),
1166 \fBregex\FR(5), \fBstandards\FR(5)
1167 .sp
1168 .ne 2
1169 .na
1170 \fB\FB?\FR\FR
1171 .ad
1172 .RS 9n
1173 for command errors.
1174 .RE

1176 .sp
1177 .ne 2
1178 .na
1179 \fB\FB?\FR\FRifile\FR\FR
1180 .ad

```

1181 .RS 9n  
1182 for an inaccessible file. Use the \fBh\fRelp and \fBH\fRelp commands for  
1183 detailed explanations.  
1184 .RE

1186 .sp  
1187 .LP  
1188 If changes have been made in the buffer since the last \fBw\fR command that  
1189 wrote the entire buffer, \fBed\fR warns the user if an attempt is made to  
1190 destroy \fBed\fR's buffer via the \fBe\fR or \fBq\fR commands. It writes  
1191 \fB?\fR and allows one to continue editing. A second \fBe\fR or \fBq\fR command  
1192 at this point will take effect. The \fB-s\fR command-line option inhibits this  
1193 feature.  
1194 .SH NOTES  
1195 .sp  
1196 .LP  
1197 The \fB-\fR option, although it continues to be supported, has been replaced in  
1198 the documentation by the \fB-s\fR option that follows the \fBCommand Syntax  
1199 Standard\fR (see \fBIntro\fR(1)).  
1200 .sp  
1201 .LP  
1202 A \fB!\fR command cannot be subject to a \fBg\fR or a \fBv\fR command.  
1203 .sp  
1204 .LP  
1205 The \fB!\fR command and the \fB!\fR escape from the \fBe\fR, \fBr\fR, and  
1206 \fBw\fR commands cannot be used if the editor is invoked from a restricted  
1207 shell (see \fBsh\fR(1)).  
1208 .sp  
1209 .LP  
1210 The sequence \fB\n\fR in an \fBRE\fR does not match a new-line character.  
1211 .sp  
1212 .LP  
1213 If the editor input is coming from a command file (for example, \fBed\fR  
1214 \fIfile\fR \fB<\fR \fIed\_cmd\_file\fR), the editor exits at the first failure.  
1215 .sp  
1216 .LP  
1217 Loading an alternate \fBmalloc()\fR library using the environment variable  
1218 \fBBLD\_PRELOAD\fR can cause problems for \fB/usr/bin/ed\fR.

```

*****
11889 Wed Apr 8 17:03:30 2015
new/usr/src/pkg/manifests/system-extended-system-utilities.mf
5801 nuke big file scanner (bfs)
Reviewed by: Richard Lowe <richlowe@richlowe.net>
Reviewed by: Albert Lee <trisk@omniti.com>
*****
1 #
2 # CDDL HEADER START
3 #
4 # The contents of this file are subject to the terms of the
5 # Common Development and Distribution License (the "License").
6 # You may not use this file except in compliance with the License.
7 #
8 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
9 # or http://www.opensolaris.org/os/licensing.
10 # See the License for the specific language governing permissions
11 # and limitations under the License.
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14 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
15 # If applicable, add the following below this CDDL HEADER, with the
16 # fields enclosed by brackets "[]" replaced with your own identifying
17 # information: Portions Copyright [yyyy] [name of copyright owner]
18 #
19 # CDDL HEADER END
20 #
21 #
22 #
23 # Copyright (c) 2010, Oracle and/or its affiliates. All rights reserved.
24 # Copyright 2012 Nexenta Systems, Inc. All rights reserved.
25 #
26 #
27 set name=pkg.fmri value=pkg:/system/extended-system-utilities@$(PKGVERS)
28 set name=pkg.description \
29     value="additional UNIX system utilities, including awk, bc, cal, compress, d
30 set name=pkg.summary value="Extended System Utilities"
31 set name=info.classification value=org.opensolaris.category.2008:System/Core
32 set name=variant.arch value=$(ARCH)
33 dir path=usr group=sys
34 dir path=usr/bin
35 $(i386_ONLY)dir path=usr/bin/$(ARCH32)
36 dir path=usr/bin/$(ARCH64)
37 dir path=usr/lib
38 dir path=usr/lib/$(ARCH64)
39 dir path=usr/lib/adb group=sys
40 dir path=usr/lib/adb/$(ARCH64) group=sys
41 dir path=usr/lib/fs group=sys
42 dir path=usr/lib/fs/pcfs group=sys
43 dir path=usr/lib/spell
44 dir path=usr/proc
45 dir path=usr/proc/bin
46 dir path=usr/sbin
47 dir path=usr/sbin/$(ARCH64)
48 dir path=usr/share
49 dir path=usr/share/lib
50 dir path=usr/share/lib/dict
51 dir path=usr/share/man/man1
52 dir path=usr/share/man/man1m
53 $(i386_ONLY)file path=usr/bin/$(ARCH32)/pargs mode=0555
54 $(i386_ONLY)file path=usr/bin/$(ARCH32)/pcred mode=0555
55 $(i386_ONLY)file path=usr/bin/$(ARCH32)/pfiles mode=0555
56 $(i386_ONLY)file path=usr/bin/$(ARCH32)/pflags mode=0555
57 $(i386_ONLY)file path=usr/bin/$(ARCH32)/pldd mode=0555
58 $(i386_ONLY)file path=usr/bin/$(ARCH32)/plgrp mode=0555
59 $(i386_ONLY)file path=usr/bin/$(ARCH32)/pmadvice mode=0555

```

```

60 $(i386_ONLY)file path=usr/bin/$(ARCH32)/pmap mode=0555
61 $(i386_ONLY)file path=usr/bin/$(ARCH32)/ppgsz mode=0555
62 $(i386_ONLY)file path=usr/bin/$(ARCH32)/ppriv mode=0555
63 $(i386_ONLY)file path=usr/bin/$(ARCH32)/preap mode=0555
64 $(i386_ONLY)file path=usr/bin/$(ARCH32)/prun mode=0555
65 $(i386_ONLY)file path=usr/bin/$(ARCH32)/psig mode=0555
66 $(i386_ONLY)file path=usr/bin/$(ARCH32)/pstack mode=0555
67 $(i386_ONLY)file path=usr/bin/$(ARCH32)/pstop mode=0555
68 $(i386_ONLY)file path=usr/bin/$(ARCH32)/ptime mode=0555
69 $(i386_ONLY)file path=usr/bin/$(ARCH32)/ptree mode=0555
70 $(i386_ONLY)file path=usr/bin/$(ARCH32)/pwait mode=0555
71 $(i386_ONLY)file path=usr/bin/$(ARCH32)/pwdx mode=0555
72 $(i386_ONLY)file path=usr/bin/$(ARCH32)/sort mode=0555
73 file path=usr/bin/$(ARCH64)/pargs mode=0555
74 file path=usr/bin/$(ARCH64)/pcred mode=0555
75 file path=usr/bin/$(ARCH64)/pfiles mode=0555
76 file path=usr/bin/$(ARCH64)/pflags mode=0555
77 file path=usr/bin/$(ARCH64)/pldd mode=0555
78 file path=usr/bin/$(ARCH64)/plgrp mode=0555
79 file path=usr/bin/$(ARCH64)/pmadvice mode=0555
80 file path=usr/bin/$(ARCH64)/pmap mode=0555
81 file path=usr/bin/$(ARCH64)/ppgsz mode=0555
82 file path=usr/bin/$(ARCH64)/ppriv mode=0555
83 file path=usr/bin/$(ARCH64)/preap mode=0555
84 file path=usr/bin/$(ARCH64)/prun mode=0555
85 file path=usr/bin/$(ARCH64)/psig mode=0555
86 file path=usr/bin/$(ARCH64)/pstack mode=0555
87 file path=usr/bin/$(ARCH64)/pstop mode=0555
88 file path=usr/bin/$(ARCH64)/ptime mode=0555
89 file path=usr/bin/$(ARCH64)/ptree mode=0555
90 file path=usr/bin/$(ARCH64)/pwait mode=0555
91 file path=usr/bin/$(ARCH64)/pwdx mode=0555
92 file path=usr/bin/$(ARCH64)/sort mode=0555
93 file path=usr/bin/asa mode=0555
94 file path=usr/bin/awk mode=0555
95 file path=usr/bin/banner mode=0555
96 file path=usr/bin/batch mode=0555
97 file path=usr/bin/bc mode=0555
98 file path=usr/bin/bdiff mode=0755
99 file path=usr/bin/bfs mode=0555
99 file path=usr/bin/cal mode=0555
100 file path=usr/bin/calendar mode=0555
101 file path=usr/bin/col mode=0555
102 file path=usr/bin/compress mode=0555
103 file path=usr/bin/csplite mode=0555
104 file path=usr/bin/dc mode=0555
105 file path=usr/bin/diff mode=0555
106 file path=usr/bin/diff3 mode=0555
107 file path=usr/bin/dircmp mode=0555
108 file path=usr/bin/dos2unix mode=0555
109 file path=usr/bin/expand mode=0555
110 file path=usr/bin/factor mode=0555
111 file path=usr/bin/kstat mode=0555
112 file path=usr/bin/last mode=0555
113 file path=usr/bin/lastcomm mode=0555
114 file path=usr/bin/lgrpinfo mode=0555
115 file path=usr/bin/look mode=0755
116 file path=usr/bin/mkfifo mode=0555
117 file path=usr/bin/nawk mode=0555
118 file path=usr/bin/newform mode=0555
119 file path=usr/bin/news mode=0555
120 file path=usr/bin/nl mode=0555
121 file path=usr/bin/pack mode=0555
122 file path=usr/bin/pginfo mode=0555
123 file path=usr/bin/pgstat mode=0555
124 file path=usr/bin/sdiff mode=0555

```

```

125 file path=usr/bin/spell mode=0555
126 file path=usr/bin/split mode=0555
127 file path=usr/bin/tcopy mode=0555
128 file path=usr/bin/unexpand mode=0555
129 file path=usr/bin/units mode=0555
130 file path=usr/bin/unix2dos mode=0555
131 file path=usr/bin/unpack mode=0555
132 file path=usr/bin/uudecode group=uucp mode=0555
133 file path=usr/bin/uencode group=uucp mode=0555
134 file path=usr/bin/yes mode=0555
135 file path=usr/lib/${ARCH64}/madv.so.1
136 file path=usr/lib/${ARCH64}/mpss.so.1
137 file path=usr/lib/adb/${ARCH64}/adbsub.o group=sys
138 file path=usr/lib/adb/adbgen group=sys mode=0755
139 file path=usr/lib/adb/adbgen1 group=sys mode=0755
140 file path=usr/lib/adb/adbgen3 group=sys mode=0755
141 file path=usr/lib/adb/adbgen4 group=sys mode=0755
142 file path=usr/lib/adb/adbsub.o group=sys
143 file path=usr/lib/diff3prog mode=0555
144 file path=usr/lib/fs/pcfs/fsck mode=0555
145 file path=usr/lib/fs/pcfs/fstyp.so.1 mode=0555
146 file path=usr/lib/fs/pcfs/mkfs mode=0555
147 file path=usr/lib/fs/pcfs/mount mode=0555
148 file path=usr/lib/madv.so.1
149 file path=usr/lib/mpss.so.1
150 file path=usr/lib/spell/compress mode=0555
151 file path=usr/lib/spell/hashcheck mode=0555
152 file path=usr/lib/spell/hashmake mode=0555
153 file path=usr/lib/spell/hlista
154 file path=usr/lib/spell/hlistb
155 file path=usr/lib/spell/hstop
156 file path=usr/lib/spell/spellin mode=0555
157 file path=usr/lib/spell/spellprog mode=0555
158 file path=usr/sbin/dmesg mode=0555
159 file path=usr/sbin/projadd group=sys mode=0555
160 file path=usr/sbin/projdel group=sys mode=0555
161 file path=usr/sbin/projmod group=sys mode=0555
162 file path=usr/share/lib/dict/words
163 file path=usr/share/man/man1/asa.1
164 file path=usr/share/man/man1/awk.1
165 file path=usr/share/man/man1/banner.1
166 file path=usr/share/man/man1/bc.1
167 file path=usr/share/man/man1/bdiff.1
169 file path=usr/share/man/man1/bfs.1
168 file path=usr/share/man/man1/cal.1
169 file path=usr/share/man/man1/calendar.1
170 file path=usr/share/man/man1/col.1
171 file path=usr/share/man/man1/compress.1
172 file path=usr/share/man/man1/csplits.1
173 file path=usr/share/man/man1/dc.1
174 file path=usr/share/man/man1/diff.1
175 file path=usr/share/man/man1/diff3.1
176 file path=usr/share/man/man1/dircomp.1
177 file path=usr/share/man/man1/dos2unix.1
178 file path=usr/share/man/man1/expand.1
179 file path=usr/share/man/man1/factor.1
180 file path=usr/share/man/man1/last.1
181 file path=usr/share/man/man1/lastcomm.1
182 file path=usr/share/man/man1/lgrpinfo.1
183 file path=usr/share/man/man1/look.1
184 file path=usr/share/man/man1/madv.so.1.1
185 file path=usr/share/man/man1/mpss.so.1.1
186 file path=usr/share/man/man1/nawk.1
187 file path=usr/share/man/man1/newform.1
188 file path=usr/share/man/man1/news.1
189 file path=usr/share/man/man1/nl.1

```

```

190 file path=usr/share/man/man1/pack.1
191 file path=usr/share/man/man1/pargs.1
192 file path=usr/share/man/man1/plgrp.1
193 file path=usr/share/man/man1/pmadvice.1
194 file path=usr/share/man/man1/pmap.1
195 file path=usr/share/man/man1/ppgsz.1
196 file path=usr/share/man/man1/ppriv.1
197 file path=usr/share/man/man1/preap.1
198 file path=usr/share/man/man1/ptree.1
199 file path=usr/share/man/man1/sdiff.1
200 file path=usr/share/man/man1/sort.1
201 file path=usr/share/man/man1/spell.1
202 file path=usr/share/man/man1/split.1
203 file path=usr/share/man/man1/tcopy.1
204 file path=usr/share/man/man1/units.1
205 file path=usr/share/man/man1/unix2dos.1
206 file path=usr/share/man/man1/yes.1
207 file path=usr/share/man/man1m/adbgen.1m
208 file path=usr/share/man/man1m/dmesg.1m
209 file path=usr/share/man/man1m/fsck_pcfs.1m
210 file path=usr/share/man/man1m/kstat.1m
211 file path=usr/share/man/man1m/mkfifo.1m
212 file path=usr/share/man/man1m/mkfs_pcfs.1m
213 file path=usr/share/man/man1m/mount_pcfs.1m
214 file path=usr/share/man/man1m/projadd.1m
215 file path=usr/share/man/man1m/projdel.1m
216 file path=usr/share/man/man1m/projmod.1m
217 hardlink path=usr/bin/oawk target=../usr/bin/awk
218 hardlink path=usr/bin/pargs target=../usr/lib/isaexec
219 hardlink path=usr/bin/pcred target=../usr/lib/isaexec
220 hardlink path=usr/bin/pfiles target=../usr/lib/isaexec
221 hardlink path=usr/bin/pflags target=../usr/lib/isaexec
222 hardlink path=usr/bin/pldd target=../usr/lib/isaexec
223 hardlink path=usr/bin/plgrp target=../usr/lib/isaexec
224 hardlink path=usr/bin/pmadvice target=../usr/lib/isaexec
225 hardlink path=usr/bin/pmap target=../usr/lib/isaexec
226 hardlink path=usr/bin/ppgsz target=../usr/lib/isaexec
227 hardlink path=usr/bin/ppriv target=../usr/lib/isaexec
228 hardlink path=usr/bin/preap target=../usr/lib/isaexec
229 hardlink path=usr/bin/prun target=../usr/lib/isaexec
230 hardlink path=usr/bin/psig target=../usr/lib/isaexec
231 hardlink path=usr/bin/pstack target=../usr/lib/isaexec
232 hardlink path=usr/bin/pstop target=../usr/lib/isaexec
233 hardlink path=usr/bin/ptime target=../usr/lib/isaexec
234 hardlink path=usr/bin/ptree target=../usr/lib/isaexec
235 hardlink path=usr/bin/pwait target=../usr/lib/isaexec
236 hardlink path=usr/bin/pwdx target=../usr/lib/isaexec
237 hardlink path=usr/bin/sort target=../usr/lib/isaexec
238 hardlink path=usr/bin/uncompress target=../usr/bin/compress
239 hardlink path=usr/bin/zcat target=../usr/bin/compress
240 hardlink path=usr/lib/fs/pcfs/fstyp target=../usr/sbin/fstyp
241 legacy pkg=SUNWesu \
242   desc="additional UNIX system utilities, including awk, bc, cal, compress, di
243   name="Extended System Utilities"
244 license cr_Sun license=cr_Sun
245 license lic_CDDL license=lic_CDDL
246 license usr/src/cmd/compress/THIRDPARTYLICENSE \
247   license=usr/src/cmd/compress/THIRDPARTYLICENSE
248 license usr/src/cmd/lastcomm/THIRDPARTYLICENSE \
249   license=usr/src/cmd/lastcomm/THIRDPARTYLICENSE
250 license usr/src/cmd/look/THIRDPARTYLICENSE \
251   license=usr/src/cmd/look/THIRDPARTYLICENSE
252 license usr/src/cmd/units/THIRDPARTYLICENSE \
253   license=usr/src/cmd/units/THIRDPARTYLICENSE
254 link path=usr/bin/dmesg target=../sbin/dmesg
255 link path=usr/bin/pcat target=../unpack

```

```
256 link path=usr/bin/strace target=../sbin/strace
257 link path=usr/dict target=../share/lib/dict
258 link path=usr/proc/bin/pcred target=../bin/pcred
259 link path=usr/proc/bin/pfiles target=../bin/pfiles
260 link path=usr/proc/bin/pflags target=../bin/pflags
261 link path=usr/proc/bin/pldd target=../bin/pldd
262 link path=usr/proc/bin/pmap target=../bin/pmap
263 link path=usr/proc/bin/prun target=../bin/prun
264 link path=usr/proc/bin/psig target=../bin/psig
265 link path=usr/proc/bin/pstack target=../bin/pstack
266 link path=usr/proc/bin/pstop target=../bin/pstop
267 link path=usr/proc/bin/ptime target=../bin/ptime
268 link path=usr/proc/bin/ptree target=../bin/ptree
269 link path=usr/proc/bin/pwait target=../bin/pwait
270 link path=usr/proc/bin/pwdx target=../bin/pwdx
271 link path=usr/share/man/man1/hashcheck.1 target=spell.1
272 link path=usr/share/man/man1/hashmake.1 target=spell.1
273 link path=usr/share/man/man1/pcat.1 target=pack.1
274 link path=usr/share/man/man1/spellin.1 target=spell.1
275 link path=usr/share/man/man1/uncompress.1 target=compress.1
276 link path=usr/share/man/man1/unexpand.1 target=expand.1
277 link path=usr/share/man/man1/unpack.1 target=pack.1
278 link path=usr/share/man/man1/zcat.1 target=compress.1
279 depend fmri=runtime/perl$(PERL_PKGVERS) type=require
```