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*****
34632 Mon Jun  9 13:17:30 2014
new/usr/src/Makefile.master
4911 illumos-gate perl package version is fixed
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*****
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25 #
26 #
27 #
28 # Makefile.master, global definitions for system source
29 #
30 ROOT=          /proto
31 #
32 #
33 # Adjunct root, containing an additional proto area to be used for headers
34 # and libraries.
35 #
36 ADJUNCT_PROTO=
37 #
38 #
39 # Adjunct for building things that run on the build machine.
40 #
41 NATIVE_ADJUNCT= /usr
42 #
43 #
44 # RELEASE_BUILD should be cleared for final release builds.
45 # NOT_RELEASE_BUILD is exactly what the name implies.
46 #
47 # __GNUC toggles the building of ON components using gcc and related tools.
48 # Normally set to '#', set it to '' to do gcc build.
49 #
50 # The declaration POUND_SIGN is always '#'. This is needed to get around the
51 # make feature that '#' is always a comment delimiter, even when escaped or
52 # quoted. We use this macro expansion method to get POUND_SIGN rather than
53 # always breaking out a shell because the general case can cause a noticeable
54 # slowdown in build times when so many Makefiles include Makefile.master.
55 #
56 # While the majority of users are expected to override the setting below
57 # with an env file (via nightly or bldenv), if you aren't building that way
58 # (ie, you're using "ws" or some other bootstrapping method) then you need
59 # this definition in order to avoid the subshell invocation mentioned above.

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60 #
62 PRE_POUND=
63 POUND_SIGN=      pre\#
                   $(PRE_POUND:pre\%=%)
65 NOT_RELEASE_BUILD=
66 RELEASE_BUILD=   $(POUND_SIGN)
67 $(RELEASE_BUILD)NOT_RELEASE_BUILD= $(POUND_SIGN)
68 PATCH_BUILD=     $(POUND_SIGN)
69 #
70 # SPARC_BLD is '#' for an Intel build.
71 # INTEL_BLD is '#' for a Sparc build.
72 SPARC_BLD_1=     $(MACH:i386=$(POUND_SIGN))
73 SPARC_BLD=       $(SPARC_BLD_1:sparc=)
74 INTEL_BLD_1=     $(MACH:sparc=$(POUND_SIGN))
75 INTEL_BLD=       $(INTEL_BLD_1:i386=)
76 #
77 # The variables below control the compilers used during the build.
78 # There are a number of permutations.
79 #
80 # __GNUC and __SUNC control (and indicate) the primary compiler.  Whichever
81 # one is not POUND_SIGN is the primary, with the other as the shadow.  They
82 # may also be used to control entirely compiler-specific Makefile assignments.
83 # __GNUC and GCC are the default.
84 #
85 # __GNUC64 indicates that the 64bit build should use the GNU C compiler.
86 # There is no Sun C analogue.
87 #
88 # The following version-specific options are operative regardless of which
89 # compiler is primary, and control the versions of the given compilers to be
90 # used.  They also allow compiler-version specific Makefile fragments.
91 #
92 #
93 __SUNC=           $(POUND_SIGN)
94 $(__SUNC)__GNUC= $(POUND_SIGN)
95 __GNUC64=        $(__GNUC)
96 #
97 # CLOSED is the root of the tree that contains source which isn't released
98 # as open source
99 CLOSED=          $(SRC)/../closed
100 #
101 # BUILD_TOOLS is the root of all tools including compilers.
102 # ONBLD_TOOLS is the root of all the tools that are part of SUNWonbld.
103 #
104 BUILD_TOOLS=     /ws/onnv-tools
105 ONBLD_TOOLS=     $(BUILD_TOOLS)/onbld
106 #
107 JAVA_ROOT=       /usr/java
108 #
109 SFW_ROOT=        /usr/sfw
110 SFWINCDIR=       $(SFW_ROOT)/include
111 SFWLIBDIR=       $(SFW_ROOT)/lib
112 SFWLIBDIR64=    $(SFW_ROOT)/lib/$(MACH64)
113 #
114 GCC_ROOT=        /opt/gcc/4.4.4
115 GCCLIBDIR=       $(GCC_ROOT)/lib
116 GCCLIBDIR64=    $(GCC_ROOT)/lib/$(MACH64)
117 #
118 DOCBOOK_XSL_ROOT= /usr/share/sgml/docbook/xsl-stylesheets
119 #
120 RPCGEN=          /usr/bin/rpcgen
121 STABS=           $(ONBLD_TOOLS)/bin/$(MACH)/stabs
122 ELFEXTRACT=     $(ONBLD_TOOLS)/bin/$(MACH)/elfextract
123 MBH_PATCH=      $(ONBLD_TOOLS)/bin/$(MACH)/mbh_patch
124 ECHO=           echo
125 INS=            install

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126 TRUE= true
127 SYMLINK= /usr/bin/ln -s
128 LN= /usr/bin/ln
129 CHMOD= /usr/bin/chmod
130 MV= /usr/bin/mv -f
131 RM= /usr/bin/rm -f
132 CUT= /usr/bin/cut
133 NM= /usr/ccs/bin/nm
134 DIFF= /usr/bin/diff
135 GREP= /usr/bin/grep
136 EGREP= /usr/bin/egrep
137 ELFWRAP= /usr/bin/elfwrap
138 KSH93= /usr/bin/ksh93
139 SED= /usr/bin/sed
140 NAWK= /usr/bin/nawk
141 CP= /usr/bin/cp -f
142 MCS= /usr/ccs/bin/mcs
143 CAT= /usr/bin/cat
144 ELFDUMP= /usr/ccs/bin/elfdump
145 M4= /usr/ccs/bin/m4
146 STRIP= /usr/ccs/bin/strip
147 LEX= /usr/ccs/bin/lex
148 FLEX= $(SFW_ROOT)/bin/flex
149 YACC= /usr/ccs/bin/yacc
150 CPP= /usr/lib/cpp
151 JAVAC= $(JAVA_ROOT)/bin/javac
152 JAVAH= $(JAVA_ROOT)/bin/javah
153 JAVADOC= $(JAVA_ROOT)/bin/javadoc
154 RMIC= $(JAVA_ROOT)/bin/rmic
155 JAR= $(JAVA_ROOT)/bin/jar
156 CTFCONVERT= $(ONBLD_TOOLS)/bin/$(MACH)/ctfconvert
157 CTFMERGE= $(ONBLD_TOOLS)/bin/$(MACH)/ctfmerge
158 CTFSTABS= $(ONBLD_TOOLS)/bin/$(MACH)/ctfstabs
159 CTFSTRIP= $(ONBLD_TOOLS)/bin/$(MACH)/ctfstrip
160 NDRGEN= $(ONBLD_TOOLS)/bin/$(MACH)/ndrgen
161 GENOFFSETS= $(ONBLD_TOOLS)/bin/genoffsets
162 CTFCVTPTBL= $(ONBLD_TOOLS)/bin/ctfcvtptbl
163 CTFINDMOD= $(ONBLD_TOOLS)/bin/ctffindmod
164 XREF= $(ONBLD_TOOLS)/bin/xref
165 FIND= /usr/bin/find
166 PERL= /usr/bin/perl
167 PERL_VERSION= 5.10.0
168 PERL_PKGVERS= -510
169 #endif /* ! codereview */
170 PYTHON_26= /usr/bin/python2.6
171 PYTHON= $(PYTHON_26)
172 SORT= /usr/bin/sort
173 TOUCH= /usr/bin/touch
174 WC= /usr/bin/wc
175 XARGS= /usr/bin/xargs
176 ELFEDIT= /usr/bin/elfedit
177 ELFSIGN= /usr/bin/elfsign
178 DTRACE= /usr/sbin/dtrace -xnolib
179 UNIQ= /usr/bin/uniq
180 TAR= /usr/bin/tar
181 ASTBINDIR= /usr/ast/bin
182 MSGCC= $(ASTBINDIR)/msgcc

184 FILEMODE= 644
185 DIRMODE= 755

187 #
188 # The version of the patch makeup table optimized for build-time use. Used
189 # during patch builds only.
190 $(PATCH_BUILD)PMTMO_FILE=$(SRC)/patch_makeup_table.mo

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192 # Declare that nothing should be built in parallel.
193 # Individual Makefiles can use the .PARALLEL target to declare otherwise.
194 .NO_PARALLEL:

196 # For stylistic checks
197 #
198 # Note that the X and C checks are not used at this time and may need
199 # modification when they are actually used.
200 #
201 CSTYLE= $(ONBLD_TOOLS)/bin/cstyle
202 CSTYLE_TAIL=
203 HDRCHK= $(ONBLD_TOOLS)/bin/hdrchk
204 HDRCHK_TAIL=
205 JSTYLE= $(ONBLD_TOOLS)/bin/jstyle

207 DOT_H_CHECK= \
208     @$(ECHO) "checking $<"; $(CSTYLE) $< $(CSTYLE_TAIL); \
209     $(HDRCHK) $< $(HDRCHK_TAIL)

211 DOT_X_CHECK= \
212     @$(ECHO) "checking $<"; $(RPCGEN) -C -h $< | $(CSTYLE) $(CSTYLE_TAIL); \
213     $(RPCGEN) -C -h $< | $(HDRCHK) $< $(HDRCHK_TAIL)

215 DOT_C_CHECK= \
216     @$(ECHO) "checking $<"; $(CSTYLE) $< $(CSTYLE_TAIL)

218 MANIFEST_CHECK= \
219     @$(ECHO) "checking $<"; \
220     SVCCFG_DTD=$(SRC)/cmd/svc/dtd/service_bundle.dtd.1 \
221     SVCCFG_REPOSITORY=$(SRC)/cmd/svc/seed/global.db \
222     SVCCFG_CONFIGD_PATH=$(SRC)/cmd/svc/configd/svc.config-native \
223     $(SRC)/cmd/svc/svccfg/svccfg-native validate $<

225 INS.file= $(RM) $@; $(INS) -s -m $(FILEMODE) -f $(@D) $<
226 INS.dir= $(INS) -s -d -m $(DIRMODE) $@
227 # installs and renames at once
228 #
229 INS.rename= $(INS.file); $(MV) $(@D)/$(<F) $@

231 # install a link
232 INSLINKTARGET= $<
233 INS.link= $(RM) $@; $(LN) $(INSLINKTARGET) $@
234 INS.symlink= $(RM) $@; $(SYMLINK) $(INSLINKTARGET) $@

236 #
237 # Python bakes the mtime of the .py file into the compiled .pyc and
238 # rebuilds if the baked-in mtime != the mtime of the source file
239 # (rather than only if it's less than), thus when installing python
240 # files we must make certain to not adjust the mtime of the source
241 # (.py) file.
242 #
243 INS.pyfile= $(INS.file); $(TOUCH) -r $< $@

245 # MACH must be set in the shell environment per uname -p on the build host
246 # More specific architecture variables should be set in lower makefiles.
247 #
248 # MACH64 is derived from MACH, and BUILD64 is set to '#' for
249 # architectures on which we do not build 64-bit versions.
250 # (There are no such architectures at the moment.)
251 #
252 # Set BUILD64=# in the environment to disable 64-bit amd64
253 # builds on i386 machines.

255 MACH64_1= $(MACH:sparc=sparcv9)
256 MACH64= $(MACH64_1:i386=amd64)

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258 MACH32_1=      $(MACH:sparc=sparcv7)
259 MACH32=        $(MACH32_1:i386=i86)

261 sparc_BUILD64=
262 i386_BUILD64=
263 BUILD64=       $($ (MACH)_BUILD64)

265 #
266 # C compiler mode. Future compilers may change the default on us,
267 # so force extended ANSI mode globally. Lower level makefiles can
268 # override this by setting CCMODE.
269 #
270 CCMODE=         -Xa
271 CCMODE64=       -Xa

273 #
274 # C compiler verbose mode. This is so we can enable it globally,
275 # but turn it off in the lower level makefiles of things we cannot
276 # (or aren't going to) fix.
277 #
278 CCVERBOSE=      -v

280 # set this to the secret flag "-Wc,-Qiselect-v9abiwarn=1" to get warnings
281 # from the compiler about places the -xarch=v9 may differ from -xarch=v9c.
282 V9ABIWARN=

284 # set this to the secret flag "-Wc,-Qiselect-regsym=0" to disable register
285 # symbols (used to detect conflicts between objects that use global registers)
286 # we disable this now for safety, and because genunix doesn't link with
287 # this feature (the v9 default) enabled.
288 #
289 # REGSYM is separate since the C++ driver syntax is different.
290 CCREGSYM=       -Wc,-Qiselect-regsym=0
291 CCCREGSYM=      -Qoption cg -Qiselect-regsym=0

293 # Prevent the removal of static symbols by the SPARC code generator (cg).
294 # The x86 code generator (tub) does not remove such symbols and as such
295 # using this workaround is not applicable for x86.
296 #
297 CCSTATICSYM=   -Wc,-Qassembler-ounrefsym=0
298 #
299 # generate 32-bit addresses in the v9 kernel. Saves memory.
300 CCABS32=       -Wc,-xcode=abs32
301 #
302 # generate v9 code which tolerates callers using the v7 ABI, for the sake of
303 # system calls.
304 CC32BITCALLERS=  _gcc=-massume-32bit-callers

306 # GCC, especially, is increasingly beginning to auto-inline functions and
307 # sadly does so separately not under the general -fno-inline-functions
308 # Additionally, we wish to prevent optimisations which cause GCC to clone
309 # functions -- in particular, these may cause unhelpful symbols to be
310 # emitted instead of function names
311 CCNOAUTOINLINE= _gcc=-fno-inline-small-functions \
312                _gcc=-fno-inline-functions-called-once \
313                _gcc=-fno-ipa-cp

315 # One optimization the compiler might perform is to turn this:
316 #     #pragma weak foo
317 #     extern int foo;
318 #     if (&foo)
319 #         foo = 5;
320 # into
321 #     foo = 5;
322 # Since we do some of this (foo might be referenced in common kernel code
323 # but provided only for some cpu modules or platforms), we disable this

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324 # optimization.
325 #
326 sparc_CCUNBOUND = -Wd,-xsafe=unboundsym
327 i386_CCUNBOUND =
328 CCUNBOUND       = $($ (MACH)_CCUNBOUND)

330 #
331 # compiler '-xarch' flag. This is here to centralize it and make it
332 # overridable for testing.
333 sparc_XARCH=    -m32
334 sparcv9_XARCH= -m64
335 i386_XARCH=
336 amd64_XARCH=   -m64 -Ui386 -U__i386

338 # assembler '-xarch' flag. Different from compiler '-xarch' flag.
339 sparc_AS_XARCH= -xarch=v8plus
340 sparcv9_AS_XARCH= -xarch=v9
341 i386_AS_XARCH=
342 amd64_AS_XARCH= -xarch=amd64 -P -Ui386 -U__i386

344 #
345 # These flags define what we need to be 'standalone' i.e. -not- part
346 # of the rather more cosy userland environment. This basically means
347 # the kernel.
348 #
349 # XX64 future versions of gcc will make -mmodel=kernel imply -mno-red-zone
350 #
351 sparc_STAND_FLAGS=  _gcc=-ffreestanding
352 sparcv9_STAND_FLAGS= _gcc=-ffreestanding
353 # Disabling MMX also disables 3DNow, disabling SSE also disables all later
354 # additions to SSE (SSE2, AVX ,etc.)
355 NO_SIMD=           _gcc=-mno-mmx _gcc=-mno-sse
356 i386_STAND_FLAGS=  _gcc=-ffreestanding $(NO_SIMD)
357 amd64_STAND_FLAGS= -xmodel=kernel $(NO_SIMD)

359 SAVEARGS=         -Wu,-save_args
360 amd64_STAND_FLAGS += $(SAVEARGS)

362 STAND_FLAGS_32 = $($ (MACH)_STAND_FLAGS)
363 STAND_FLAGS_64 = $($ (MACH64)_STAND_FLAGS)

365 #
366 # disable the incremental linker
367 ILDOFF=           -xildoff
368 #
369 XDEPEND=          -xdepend
370 XFFLAG=           -xF=%all
371 XESS=             -xs
372 XSTRCONST=       -xstrconst

374 #
375 # turn warnings into errors (C)
376 CERRWARN = -errtags=yes -errwarn=%all
377 CERRWARN += -erroff=E_EMPTY_TRANSLATION_UNIT
378 CERRWARN += -erroff=E_STATEMENT_NOT_REACHED

380 CERRWARN += _gcc=-Wno-missing-braces
381 CERRWARN += _gcc=-Wno-sign-compare
382 CERRWARN += _gcc=-Wno-unknown-pragmas
383 CERRWARN += _gcc=-Wno-unused-parameter
384 CERRWARN += _gcc=-Wno-missing-field-initializers

386 # Unfortunately, this option can misfire very easily and unfixably.
387 CERRWARN += _gcc=-Wno-array-bounds

389 # DEBUG v. -nd make for frequent unused variables, empty conditions, etc. in

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390 # -nd builds
391 $(RELEASE_BUILD)CERRWARN += -_gcc=-Wno-unused
392 $(RELEASE_BUILD)CERRWARN += -_gcc=-Wno-empty-body

394 #
395 # turn warnings into errors (C++)
396 CCERRWARN=      -xwe

398 # C99 mode
399 C99_ENABLE=     -xc99=%all
400 C99_DISABLE=   -xc99=%none
401 C99MODE=       $(C99_DISABLE)
402 C99LMODE=      $(C99MODE:-xc99%=-Xc99%)

404 # In most places, assignments to these macros should be appended with +=
405 # (CPPFLAGS.master allows values to be prepended to CPPFLAGS).
406 sparc_CFLAGS=  $(sparc_XARCH) $(CCSTATICSYM)
407 sparcv9_CFLAGS= $(sparcv9_XARCH) -dalign $(CCVERBOSE) $(V9ABIWARN) $(CCREGSYM) \
408                $(CCSTATICSYM)
409 i386_CFLAGS=   $(i386_XARCH)
410 amd64_CFLAGS=  $(amd64_XARCH)

412 sparc_ASFLAGS= $(sparc_AS_XARCH)
413 sparcv9_ASFLAGS=$(sparcv9_AS_XARCH)
414 i386_ASFLAGS=  $(i386_AS_XARCH)
415 amd64_ASFLAGS= $(amd64_AS_XARCH)

417 #
418 sparc_COPTFLAG= -xO3
419 sparcv9_COPTFLAG= -xO3
420 i386_COPTFLAG=  -O
421 amd64_COPTFLAG= -xO3

423 COPTFLAG=     $($ (MACH)_COPTFLAG)
424 COPTFLAG64=  $($ (MACH64)_COPTFLAG)

426 # When -g is used, the compiler globalizes static objects
427 # (gives them a unique prefix). Disable that.
428 CNOGLOBAL= -W0,-noglobal

430 # Direct the Sun Studio compiler to use a static globalization prefix based on t
431 # name of the module rather than something unique. Otherwise, objects
432 # will not build deterministically, as subsequent compilations of identical
433 # source will yeild objects that always look different.
434 #
435 # In the same spirit, this will also remove the date from the N_OPT stab.
436 CGLOBALSTATIC= -W0,-xglobalstatic

438 # Sometimes we want all symbols and types in debugging information even
439 # if they aren't used.
440 CALLSYMS=      -W0,-xdbggen=no%usedonly

442 #
443 # Default debug format for Sun Studio 11 is dwarf, so force it to
444 # generate stabs.
445 #
446 DEBUGFORMAT=  -xdebugformat=stabs

448 #
449 # Flags used to build in debug mode for ctf generation.  Bugs in the Devpro
450 # compilers currently prevent us from building with cc-emitted DWARF.
451 #
452 CTF_FLAGS_sparc = -g -Wc,-Qiselect-T1 $(C99MODE) $(CNOGLOBAL) $(CDWARFSTR)
453 CTF_FLAGS_i386  = -g $(C99MODE) $(CNOGLOBAL) $(CDWARFSTR)

455 CTF_FLAGS_sparcv9      = $(CTF_FLAGS_sparc)

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456 CTF_FLAGS_amd64      = $(CTF_FLAGS_i386)

458 # Sun Studio produces broken userland code when saving arguments.
459 $((__GNUC)CTF_FLAGS_amd64 += $(SAVEARGS))

461 CTF_FLAGS_32         = $(CTF_FLAGS_$(MACH)) $(DEBUGFORMAT)
462 CTF_FLAGS_64         = $(CTF_FLAGS_$(MACH64)) $(DEBUGFORMAT)
463 CTF_FLAGS             = $(CTF_FLAGS_32)

465 #
466 # Flags used with genoffsets
467 #
468 GOFLAGS = -_noecho \
469           $(CALLSYMS) \
470           $(CDWARFSTR)

472 OFFSETS_CREATE = $(GENOFFSETS) -s $(CTFSTABS) -r $(CTFCONVERT) \
473                 $(CC) $(GOFLAGS) $(CFLAGS) $(CPPFLAGS)

475 OFFSETS_CREATE64 = $(GENOFFSETS) -s $(CTFSTABS) -r $(CTFCONVERT) \
476                   $(CC) $(GOFLAGS) $(CFLAGS64) $(CPPFLAGS)

478 #
479 # tradeoff time for space (smaller is better)
480 #
481 sparc_SPACEFLAG      = -xspace -W0,-Lt
482 sparcv9_SPACEFLAG    = -xspace -W0,-Lt
483 i386_SPACEFLAG       = -xspace
484 amd64_SPACEFLAG      =

486 SPACEFLAG           = $($ (MACH)_SPACEFLAG)
487 SPACEFLAG64         = $($ (MACH64)_SPACEFLAG)

489 #
490 # The Sun Studio 11 compiler has changed the behaviour of integer
491 # wrap arounds and so a flag is needed to use the legacy behaviour
492 # (without this flag panics/hangs could be exposed within the source).
493 #
494 sparc_IROPTFLAG      = -W2,-xwrap_int
495 sparcv9_IROPTFLAG    = -W2,-xwrap_int
496 i386_IROPTFLAG       =
497 amd64_IROPTFLAG      =

499 IROPTFLAG           = $($ (MACH)_IROPTFLAG)
500 IROPTFLAG64         = $($ (MACH64)_IROPTFLAG)

502 sparc_XREGSFLAG      = -xregs=no%appl
503 sparcv9_XREGSFLAG    = -xregs=no%appl
504 i386_XREGSFLAG       =
505 amd64_XREGSFLAG      =

507 XREGSFLAG           = $($ (MACH)_XREGSFLAG)
508 XREGSFLAG64         = $($ (MACH64)_XREGSFLAG)

510 # dmake SOURCEDEBUG=yes ... enables source-level debugging information, and
511 # avoids stripping it.
512 SOURCEDEBUG         = $(POUND_SIGN)
513 SRCDBGBLD           = $(SOURCEDEBUG:yes=)

515 #
516 # These variables are intended ONLY for use by developers to safely pass extra
517 # flags to the compilers without unintentionally overriding Makefile-set
518 # flags.  They should NEVER be set to any value in a Makefile.
519 #
520 # They come last in the associated FLAGS variable such that they can
521 # explicitly override things if necessary, there are gaps in this, but it's

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522 # the best we can manage.
523 #
524 CUSERFLAGS          =
525 CUSERFLAGS64        = $(CUSERFLAGS)
526 CCUSERFLAGS         =
527 CCUSERFLAGS64       = $(CCUSERFLAGS)

529 CSOURCEDEBUGFLAGS   =
530 CCSOURCEDEBUGFLAGS  =
531 $(SRCDGBLD)CSOURCEDEBUGFLAGS = -g -xs
532 $(SRCDGBLD)CCSOURCEDEBUGFLAGS = -g -xs

534 CFLAGS=              $(COPTFLAG) $($ (MACH)_CFLAGS) $(SPACEFLAG) $(CCMODE) \
535                      $(ILDOFF) $(CERRWARN) $(C99MODE) $(CCUNBOUND) $(IROPTFLAG) \
536                      $(CGLOBALSTATIC) $(CCNOAUTOINLINE) $(CSOURCEDEBUGFLAGS) \
537                      $(CUSERFLAGS)
538 CFLAGS64=            $(COPTFLAG64) $($ (MACH64)_CFLAGS) $(SPACEFLAG64) $(CCMODE64) \
539                      $(ILDOFF) $(CERRWARN) $(C99MODE) $(CCUNBOUND) $(IROPTFLAG64) \
540                      $(CGLOBALSTATIC) $(CCNOAUTOINLINE) $(CSOURCEDEBUGFLAGS) \
541                      $(CUSERFLAGS64)
542 #
543 # Flags that are used to build parts of the code that are subsequently
544 # run on the build machine (also known as the NATIVE_BUILD).
545 #
546 NATIVE_CFLAGS=       $(COPTFLAG) $($ (NATIVE_MACH)_CFLAGS) $(CCMODE) \
547                      $(ILDOFF) $(CERRWARN) $(C99MODE) $($ (NATIVE_MACH)_CCUNBOUND) \
548                      $(IROPTFLAG) $(CGLOBALSTATIC) $(CCNOAUTOINLINE) \
549                      $(CSOURCEDEBUGFLAGS) $(CUSERFLAGS)

551 DTEXTDOM=-DTEXT_DOMAIN="\$(TEXT_DOMAIN)" # For messaging.
552 DTS_ERRNO=-D_TS_ERRNO
553 CPPFLAGS.master=$(DTEXTDOM) $(DTS_ERRNO) \
554                $(ENVCPPFLAGS1) $(ENVCPPFLAGS2) $(ENVCPPFLAGS3) $(ENVCPPFLAGS4) \
555                $(ADJUNCT_PROTO:%=-I%/usr/include)
556 CPPFLAGS.native=$(ENVCPPFLAGS1) $(ENVCPPFLAGS2) $(ENVCPPFLAGS3) \
557                $(ENVCPPFLAGS4) -I$(NATIVE_ADJUNCT)/include
558 CPPFLAGS=          $(CPPFLAGS.master)
559 AS_CPPFLAGS=       $(CPPFLAGS.master)
560 JAVAFLAGS=         -deprecation

562 #
563 # For source message catalogue
564 #
565 .SUFFIXES: $(SUFFIXES) .i .po
566 MSGROOT= $(ROOT)/catalog
567 MSGDOMAIN= $(MSGROOT)/$(TEXT_DOMAIN)
568 MSGDOMAINPOFILE = $(MSGDOMAIN)/$(POFILE)
569 DCMSGDOMAIN= $(MSGROOT)/LC_TIME/$(TEXT_DOMAIN)
570 DCMSGDOMAINPOFILE = $(DCMSGDOMAIN)/$(DCFILE:.dc=.po)

572 CLOBBERFILES += $(POFILE) $(POFILES)
573 COMPILER.cpp= $(CC) -E -C $(CFLAGS) $(CPPFLAGS)
574 XGETTEXT= /usr/bin/xgettext
575 XGETTEXTFLAGS= -c TRANSLATION_NOTE
576 GNUXGETTEXT= /usr/gnu/bin/xgettext
577 GNUXGETTEXTFLAGS= --add-comments=TRANSLATION_NOTE --keyword= \
578                  --strict --no-location --omit-header
579 BUILD.po= $(XGETTEXT) $(XGETTEXTFLAGS) -d $(<F) $<.i ; \
580           $(RM) $@ ; \
581           $(SED) "/^domain/d" < $(<F).po > $@ ; \
582           $(RM) $(<F).po $<.i

584 #
585 # This is overwritten by local Makefile when PROG is a list.
586 #
587 POFILE= $(PROG).po

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589 sparc_CCFLAGS=       -cg92 -compat=4 \
590                      -Qoption ccfe -messages=no%anachronism \
591                      $(CCERRWARN)
592 sparcv9_CCFLAGS=     $(sparcv9_XARCH) -dalign -compat=5 \
593                      -Qoption ccfe -messages=no%anachronism \
594                      -Qoption ccfe -features=no%conststrings \
595                      $(CCREGSYM) \
596                      $(CCERRWARN)
597 i386_CCFLAGS=        -compat=4 \
598                      -Qoption ccfe -messages=no%anachronism \
599                      -Qoption ccfe -features=no%conststrings \
600                      $(CCERRWARN)
601 amd64_CCFLAGS=       $(amd64_XARCH) -compat=5 \
602                      -Qoption ccfe -messages=no%anachronism \
603                      -Qoption ccfe -features=no%conststrings \
604                      $(CCERRWARN)

606 sparc_CCOPTFLAG=    -O
607 sparcv9_CCOPTFLAG=  -O
608 i386_CCOPTFLAG=     -O
609 amd64_CCOPTFLAG=    -O

611 CCOPTFLAG=          $($ (MACH)_CCOPTFLAG)
612 CCOPTFLAG64=        $($ (MACH64)_CCOPTFLAG)
613 CCFLAGS=            $(COPTFLAG) $($ (MACH)_CCFLAGS) $(CSOURCEDEBUGFLAGS) \
614                      $(CUSERFLAGS)
615 CCFLAGS64=          $(COPTFLAG64) $($ (MACH64)_CCFLAGS) $(CSOURCEDEBUGFLAGS) \
616                      $(CUSERFLAGS64)

618 #
619 #
620 #
621 ELFWRAP_FLAGS =
622 ELFWRAP_FLAGS64 = -64

624 #
625 # Various mapfiles that are used throughout the build, and delivered to
626 # /usr/lib/ld.
627 #
628 MAPFILE.NED_i386 =  $(SRC)/common/mapfiles/common/map.noexdata
629 MAPFILE.NED_sparc =
630 MAPFILE.NED =       $(MAPFILE.NED_$(MACH))
631 MAPFILE.PGA =       $(SRC)/common/mapfiles/common/map.pagealign
632 MAPFILE.NES =       $(SRC)/common/mapfiles/common/map.noexstk
633 MAPFILE.FLT =       $(SRC)/common/mapfiles/common/map.filter
634 MAPFILE.LEX =       $(SRC)/common/mapfiles/common/map.lex.yy

636 #
637 # Generated mapfiles that are compiler specific, and used throughout the
638 # build. These mapfiles are not delivered in /usr/lib/ld.
639 #
640 MAPFILE.NGB_sparc=  $(SRC)/common/mapfiles/gen/sparc_cc_map.noexglobs
641 $(__GNU64)MAPFILE.NGB_sparc= \
642                $(SRC)/common/mapfiles/gen/sparc_gcc_map.noexglobs
643 MAPFILE.NGB_sparcv9= $(SRC)/common/mapfiles/gen/sparcv9_cc_map.noexglobs
644 $(__GNU64)MAPFILE.NGB_sparcv9= \
645                $(SRC)/common/mapfiles/gen/sparcv9_gcc_map.noexglobs
646 MAPFILE.NGB_i386=  $(SRC)/common/mapfiles/gen/i386_cc_map.noexglobs
647 $(__GNU64)MAPFILE.NGB_i386= \
648                $(SRC)/common/mapfiles/gen/i386_gcc_map.noexglobs
649 MAPFILE.NGB_amd64= $(SRC)/common/mapfiles/gen/amd64_cc_map.noexglobs
650 $(__GNU64)MAPFILE.NGB_amd64= \
651                $(SRC)/common/mapfiles/gen/amd64_gcc_map.noexglobs
652 MAPFILE.NGB =      $(MAPFILE.NGB_$(MACH))

```

```

654 #
655 # A generic interface mapfile name, used by various dynamic objects to define
656 # the interfaces and interposers the object must export.
657 #
658 MAPFILE.INT =          mapfile-intf

660 #
661 # LDLIBS32 can be set in the environment to override the following assignment.
662 # LDLIBS64 can be set to override the assignment made in Makefile.master.64.
663 # These environment settings make sure that no libraries are searched outside
664 # of the local workspace proto area:
665 #     LDLIBS32=-YP,$ROOT/lib:$ROOT/usr/lib
666 #     LDLIBS64=-YP,$ROOT/lib/$MACH64:$ROOT/usr/lib/$MACH64
667 #
668 LDLIBS32 =      $(ENVLDLIBS1) $(ENVLDLIBS2) $(ENVLDLIBS3)
669 LDLIBS32 +=    $(ADJUNCT_PROTO:%=-L%/usr/lib -L%/lib)
670 LDLIBS.cmd =   $(LDLIBS32)
671 LDLIBS.lib =   $(LDLIBS32)
672 #
673 # Define compilation macros.
674 #
675 COMPILE.c=     $(CC) $(CFLAGS) $(CPPFLAGS) -c
676 COMPILE64.c=  $(CC) $(CFLAGS64) $(CPPFLAGS) -c
677 COMPILE.cc=    $(CCC) $(CCFLAGS) $(CPPFLAGS) -c
678 COMPILE64.cc= $(CCC) $(CCFLAGS64) $(CPPFLAGS) -c
679 COMPILE.s=     $(AS) $(ASFLAGS) $(AS_CPPFLAGS)
680 COMPILE64.s=   $(AS) $(ASFLAGS) $(MACH64_AS_XARCH) $(AS_CPPFLAGS)
681 COMPILE.d=     $(DTRACE) -G -32
682 COMPILE64.d=   $(DTRACE) -G -64
683 COMPILE.b=     $(ELFWRAP) $(ELFWRAP_FLAGS$(CLASS))
684 COMPILE64.b=   $(ELFWRAP) $(ELFWRAP_FLAGS$(CLASS))

686 CLASSPATH=    .
687 COMPILE.java= $(JAVAC) $(JAVAFLAGS) -classpath $(CLASSPATH)

689 #
690 # Link time macros
691 #
692 CCNEEDED      = -lC
693 CCEXTNEEDED   = -lCrun -lCstd
694 $(__GNUC)CCNEEDED = -L$(GCCLIBDIR) -lstc++ -lgcc_s
695 $(__GNUC)CCEXTNEEDED = $(CCNEEDED)

697 LINK.c=       $(CC) $(CFLAGS) $(CPPFLAGS) $(LDLFLAGS)
698 LINK64.c=     $(CC) $(CFLAGS64) $(CPPFLAGS) $(LDLFLAGS)
699 NORUNPATH=    -norunpath -nolib
700 LINK.cc=      $(CCC) $(CCFLAGS) $(CPPFLAGS) $(NORUNPATH) \
701              $(LDLFLAGS) $(CCNEEDED)
702 LINK64.cc=    $(CCC) $(CCFLAGS64) $(CPPFLAGS) $(NORUNPATH) \
703              $(LDLFLAGS) $(CCNEEDED)

705 #
706 # lint macros
707 #
708 # Note that the undefine of __PRAGMA_REDEFINE_EXTNAME can be removed once
709 # ON is built with a version of lint that has the fix for 4484186.
710 #
711 ALWAYS_LINT_DEFS =      -errtags=yes -s
712 ALWAYS_LINT_DEFS +=    -erroff=E_PTRDIFF_OVERFLOW
713 ALWAYS_LINT_DEFS +=    -erroff=E_ASSIGN_NARROW_CONV
714 ALWAYS_LINT_DEFS +=    -U __PRAGMA_REDEFINE_EXTNAME
715 ALWAYS_LINT_DEFS +=    $(C99LMODE)
716 ALWAYS_LINT_DEFS +=    -errsecurity=$(SECLEVEL)
717 ALWAYS_LINT_DEFS +=    -erroff=E_SEC_CREAT_WITHOUT_EXCL
718 ALWAYS_LINT_DEFS +=    -erroff=E_SEC_FORBIDDEN_WARN_CREAT
719 # XX64 -- really only needed for amd64 lint

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720 ALWAYS_LINT_DEFS +=    -erroff=E_ASSIGN_INT_TO_SMALL_INT
721 ALWAYS_LINT_DEFS +=    -erroff=E_CAST_INT_CONST_TO_SMALL_INT
722 ALWAYS_LINT_DEFS +=    -erroff=E_CAST_INT_TO_SMALL_INT
723 ALWAYS_LINT_DEFS +=    -erroff=E_CAST_TO_PTR_FROM_INT
724 ALWAYS_LINT_DEFS +=    -erroff=E_COMP_INT_WITH_LARGE_INT
725 ALWAYS_LINT_DEFS +=    -erroff=E_INTEGRAL_CONST_EXP_EXPECTED
726 ALWAYS_LINT_DEFS +=    -erroff=E_PASS_INT_TO_SMALL_INT
727 ALWAYS_LINT_DEFS +=    -erroff=E_PTR_CONV_LOSES_BITS

729 # This forces lint to pick up note.h and sys/note.h from Devpro rather than
730 # from the proto area. The note.h that ON delivers would disable NOTE().
731 ONLY_LINT_DEFS =      -I$(SPRO_VROOT)/prod/include/lint

733 SECLEVEL=       core
734 LINT.c=          $(LINT) $(ONLY_LINT_DEFS) $(LINTFLAGS) $(CPPFLAGS) \
735                $(ALWAYS_LINT_DEFS)
736 LINT64.c=        $(LINT) $(ONLY_LINT_DEFS) $(LINTFLAGS64) $(CPPFLAGS) \
737                $(ALWAYS_LINT_DEFS)
738 LINT.s=          $(LINT.c)

740 # For some future builds, NATIVE_MACH and MACH might be different.
741 # Therefore, NATIVE_MACH needs to be redefined in the
742 # environment as 'uname -p' to override this macro.
743 #
744 # For now at least, we cross-compile amd64 on i386 machines.
745 NATIVE_MACH=     $(MACH:amd64=i386)

747 # Define native compilation macros
748 #

750 # Base directory where compilers are loaded.
751 # Defined here so it can be overridden by developer.
752 #
753 SPRO_ROOT=      $(BUILD_TOOLS)/SUNwspro
754 SPRO_VROOT=     $(SPRO_ROOT)/SS12
755 GNU_ROOT=       $(SFW_ROOT)

757 # Till SS12u1 formally becomes the NV CBE, LINT is hard
758 # coded to be picked up from the $SPRO_ROOT/sunstudio12.1/
759 # location. Impacted variables are sparc_LINT, sparcv9_LINT,
760 # i386_LINT, amd64_LINT.
761 # Reset them when SS12u1 is rolled out.
762 #

764 # Specify platform compiler versions for languages
765 # that we use (currently only c and c++).
766 #
767 sparc_CC=       $(ONBLD_TOOLS)/bin/$(MACH)/cw -_cc
768 $(__GNUC)sparc_CC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_gcc
769 sparc_CCC=      $(ONBLD_TOOLS)/bin/$(MACH)/cw -_CC
770 $(__GNUC)sparc_CCC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_g++
771 sparc_CPP=      /usr/ccs/lib/cpp
772 sparc_AS=       /usr/ccs/bin/as -xregsym=no
773 sparc_LD=       /usr/ccs/bin/ld
774 sparc_LINT=     $(SPRO_ROOT)/sunstudio12.1/bin/lint

776 sparcv9_CC=     $(ONBLD_TOOLS)/bin/$(MACH)/cw -_cc
777 $(__GNUC64)sparcv9_CC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_gcc
778 sparcv9_CCC=    $(ONBLD_TOOLS)/bin/$(MACH)/cw -_CC
779 $(__GNUC64)sparcv9_CCC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_g++
780 sparcv9_CPP=    /usr/ccs/lib/cpp
781 sparcv9_AS=     /usr/ccs/bin/as -xregsym=no
782 sparcv9_LD=     /usr/ccs/bin/ld
783 sparcv9_LINT=   $(SPRO_ROOT)/sunstudio12.1/bin/lint

785 i386_CC=        $(ONBLD_TOOLS)/bin/$(MACH)/cw -_cc

```

```

786 $(__GNUC)i386_CC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_gcc
787 i386_CCC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_CC
788 $(__GNUC)i386_CCC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_g++
789 i386_CPP= /usr/ccs/lib/cpp
790 i386_AS= /usr/ccs/bin/as
791 $(__GNUC)i386_AS= $(ONBLD_TOOLS)/bin/$(MACH)/aw
792 i386_LD= /usr/ccs/bin/ld
793 i386_LINT= $(SPRO_ROOT)/sunstudio12.1/bin/lint

795 amd64_CC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_cc
796 $(__GNUC64)amd64_CC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_gcc
797 amd64_CCC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_CC
798 $(__GNUC64)amd64_CCC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_g++
799 amd64_CPP= /usr/ccs/lib/cpp
800 amd64_AS= $(ONBLD_TOOLS)/bin/$(MACH)/aw
801 amd64_LD= /usr/ccs/bin/ld
802 amd64_LINT= $(SPRO_ROOT)/sunstudio12.1/bin/lint

804 NATIVECC= $($ (NATIVE_MACH)_CC)
805 NATIVECCC= $($ (NATIVE_MACH)_CCC)
806 NATIVECPP= $($ (NATIVE_MACH)_CPP)
807 NATIVEAS= $($ (NATIVE_MACH)_AS)
808 NATIVELD= $($ (NATIVE_MACH)_LD)
809 NATIVELINT= $($ (NATIVE_MACH)_LINT)

811 #
812 # Makefile.master.64 overrides these settings
813 #
814 CC= $(NATIVECC)
815 CCC= $(NATIVECCC)
816 CPP= $(NATIVECPP)
817 AS= $(NATIVEAS)
818 LD= $(NATIVELD)
819 LINT= $(NATIVELINT)

821 # The real compilers used for this build
822 CW_CC_CMD= $(CC) -_compiler
823 CW_CCC_CMD= $(CCC) -_compiler
824 REAL_CC= $(CW_CC_CMD:sh)
825 REAL_CCC= $(CW_CCC_CMD:sh)

827 # Pass -Y flag to cpp (method of which is release-dependent)
828 CCYFLAG= -Y I,

830 BDIRECT= -Bdirect
831 BDYNAMIC= -Bdynamic
832 BLOCAL= -Blocal
833 BNODIRECT= -Bnodirect
834 BREDUCE= -Breduce
835 BSTATIC= -Bstatic

837 ZDEFS= -zdefs
838 ZDIRECT= -zdirect
839 ZIGNORE= -zignore
840 ZINITFIRST= -zinitfirst
841 ZINTERPOSE= -zinterpose
842 ZLAZYLOAD= -zlazyload
843 ZLOADFLTR= -zloadfltr
844 ZMULDEFS= -zmuldefs
845 ZNODEFAULTLIB= -znodefaultlib
846 ZNODEFS= -znodefs
847 ZNODELETE= -znodelete
848 ZNODLOPEN= -znodlopen
849 ZNODUMP= -znodump
850 ZNOLAZYLOAD= -znolazyload
851 ZNOLDYNSYM= -znoldynsym

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852 ZNORELOC= -znoreloc
853 ZNOVERSION= -znoversion
854 ZRECORD= -zrecord
855 ZREDLOCSYM= -zredlocsym
856 ZTEXT= -ztext
857 ZVERBOSE= -zverbose

859 GSHARED= -G
860 CCMT= -mt

862 # Handle different PIC models on different ISAs
863 # (May be overridden by lower-level Makefiles)

865 sparc_C_PICFLAGS = -K pic
866 sparcv9_C_PICFLAGS = -K pic
867 i386_C_PICFLAGS = -K pic
868 amd64_C_PICFLAGS = -K pic
869 C_PICFLAGS = $($ (MACH)_C_PICFLAGS)
870 C_PICFLAGS64 = $($ (MACH64)_C_PICFLAGS)

872 sparc_C_BIGPICFLAGS = -K PIC
873 sparcv9_C_BIGPICFLAGS = -K PIC
874 i386_C_BIGPICFLAGS = -K PIC
875 amd64_C_BIGPICFLAGS = -K PIC
876 C_BIGPICFLAGS = $($ (MACH)_C_BIGPICFLAGS)
877 C_BIGPICFLAGS64 = $($ (MACH64)_C_BIGPICFLAGS)

879 # CC requires there to be no space between '-K' and 'pic' or 'PIC'.
880 sparc_CC_PICFLAGS = -Kpic
881 sparcv9_CC_PICFLAGS = -Kpic
882 i386_CC_PICFLAGS = -Kpic
883 amd64_CC_PICFLAGS = -Kpic
884 CC_PICFLAGS = $($ (MACH)_CC_PICFLAGS)
885 CC_PICFLAGS64 = $($ (MACH64)_CC_PICFLAGS)

887 AS_PICFLAGS= $(C_PICFLAGS)
888 AS_BIGPICFLAGS= $(C_BIGPICFLAGS)

890 #
891 # Default label for CTF sections
892 #
893 CTFCVTFLAGS= -i -L VERSION
894 $(SRCDBGBLD)CTFCVTFLAGS += -g

896 #
897 # Override to pass module-specific flags to ctmerge. Currently used only by
898 # krtld to turn on fuzzy matching, and source-level debugging to inhibit
899 # stripping.
900 #
901 CTFMRGFLAGS=
902 $(SRCDBGBLD)CTFMRGFLAGS += -g

905 CTFCONVERT_O = $(CTFCONVERT) $(CTFCVTFLAGS) @$

907 ELFSIGN_O= $(TRUE)
908 ELFSIGN_CRYPTO= $(ELFSIGN_O)
909 ELFSIGN_OBJECT= $(ELFSIGN_O)

911 # Rules (normally from make.rules) and macros which are used for post
912 # processing files. Normally, these do stripping of the comment section
913 # automatically.
914 # RELEASE_CM: Should be edited to reflect the release.
915 # POST_PROCESS_O: Post-processing for '.o' files.
916 # POST_PROCESS_A: Post-processing for '.a' files (currently null).
917 # POST_PROCESS_SO: Post-processing for '.so' files.

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918 # POST_PROCESS: Post-processing for executable files (no suffix).
919 # Note that these macros are not completely generalized as they are to be
920 # used with the file name to be processed following.
921 #
922 # It is left as an exercise to Release Engineering to embellish the generation
923 # of the release comment string.
924 #
925 # If this is a standard development build:
926 # compress the comment section (mcs -c)
927 # add the standard comment (mcs -a $(RELEASE_CM))
928 # add the development specific comment (mcs -a $(DEV_CM))
929 #
930 # If this is an installation build:
931 # delete the comment section (mcs -d)
932 # add the standard comment (mcs -a $(RELEASE_CM))
933 # add the development specific comment (mcs -a $(DEV_CM))
934 #
935 # If this is an release build:
936 # delete the comment section (mcs -d)
937 # add the standard comment (mcs -a $(RELEASE_CM))
938 #
939 # The following list of macros are used in the definition of RELEASE_CM
940 # which is used to label all binaries in the build:
941 #
942 # RELEASE Specific release of the build, eg: 5.2
943 # RELEASE_MAJOR Major version number part of $(RELEASE)
944 # RELEASE_MINOR Minor version number part of $(RELEASE)
945 # VERSION Version of the build (alpha, beta, Generic)
946 # PATCHID If this is a patch this value should contain
947 # the patchid value (eg: "Generic 100832-01"), otherwise
948 # it will be set to $(VERSION)
949 # RELEASE_DATE Date of the Release Build
950 # PATCH_DATE Date the patch was created, if this is blank it
951 # will default to the RELEASE_DATE
952 #
953 RELEASE_MAJOR= 5
954 RELEASE_MINOR= 11
955 RELEASE= $(RELEASE_MAJOR).$(RELEASE_MINOR)
956 VERSION= SunOS Development
957 PATCHID= $(VERSION)
958 RELEASE_DATE= release date not set
959 PATCH_DATE= $(RELEASE_DATE)
960 RELEASE_CM= "@$(POUND_SIGN)SunOS $(RELEASE) $(PATCHID) $(PATCH_DATE)"
961 DEV_CM= "@$(POUND_SIGN)SunOS Internal Development: non-nightly build"

963 PROCESS_COMMENT= @$${MCS} -d -a $(RELEASE_CM) -a $(DEV_CM)
964 $(RELEASE_BUILD)PROCESS_COMMENT= @$${MCS} -d -a $(RELEASE_CM)

966 STRIP_STABS= :
967 $(RELEASE_BUILD)STRIP_STABS= $(STRIP) -x $@
968 $(SRCDBGBLD)STRIP_STABS= :

970 POST_PROCESS_O= $(PROCESS_COMMENT) $@
971 POST_PROCESS_A=
972 POST_PROCESS_SO= $(PROCESS_COMMENT) $@ ; $(STRIP_STABS) ; \
973 $(ELFSIGN_OBJECT)
974 POST_PROCESS= $(PROCESS_COMMENT) $@ ; $(STRIP_STABS) ; \
975 $(ELFSIGN_OBJECT)

977 #
978 # chk4ubin is a tool that inspects a module for a symbol table
979 # ELF section size which can trigger an OBP bug on older platforms.
980 # This problem affects only specific sun4u bootable modules.
981 #
982 CHK4UBIN= $(ONBLD_TOOLS)/bin/$(MACH)/chk4ubin
983 CHK4UBINFLAGS=

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984 CHK4UBINARY= $(CHK4UBIN) $(CHK4UBINFLAGS) $@

986 #
987 # PKGARCHIVE specifies the default location where packages should be
988 # placed if built.
989 #
990 $(RELEASE_BUILD)PKGARCHIVESUFFIX= -nd
991 PKGARCHIVE=$(SRC)/../../packages/$(MACH)/nightly$(PKGARCHIVESUFFIX)

993 #
994 # The repositories will be created with these publisher settings. To
995 # update an image to the resulting repositories, this must match the
996 # publisher name provided to "pkg set-publisher."
997 #
998 PKGPUBLISHER_REDIST= on-nightly
999 PKGPUBLISHER_NONREDIST= on-extra

1001 # Default build rules which perform comment section post-processing.
1002 #
1003 .c:
1004 $(LINK.c) -o $@ $< $(LDLIBS)
1005 $(POST_PROCESS)
1006 .c.o:
1007 $(COMPILE.c) $(OUTPUT_OPTION) $< $(CTFCONVERT_HOOK)
1008 $(POST_PROCESS_O)
1009 .c.a:
1010 $(COMPILE.c) -o $% $<
1011 $(PROCESS_COMMENT) $%
1012 $(AR) $(ARFLAGS) $@ $%
1013 $(RM) $%
1014 .s.o:
1015 $(COMPILE.s) -o $@ $<
1016 $(POST_PROCESS_O)
1017 .s.a:
1018 $(COMPILE.s) -o $% $<
1019 $(PROCESS_COMMENT) $%
1020 $(AR) $(ARFLAGS) $@ $%
1021 $(RM) $%
1022 .cc:
1023 $(LINK.cc) -o $@ $< $(LDLIBS)
1024 $(POST_PROCESS)
1025 .cc.o:
1026 $(COMPILE.cc) $(OUTPUT_OPTION) $<
1027 $(POST_PROCESS_O)
1028 .cc.a:
1029 $(COMPILE.cc) -o $% $<
1030 $(AR) $(ARFLAGS) $@ $%
1031 $(PROCESS_COMMENT) $%
1032 $(RM) $%
1033 .y:
1034 $(YACC.y) $<
1035 $(LINK.c) -o $@ y.tab.c $(LDLIBS)
1036 $(POST_PROCESS)
1037 $(RM) y.tab.c
1038 .y.o:
1039 $(YACC.y) $<
1040 $(COMPILE.c) -o $@ y.tab.c $(CTFCONVERT_HOOK)
1041 $(POST_PROCESS_O)
1042 $(RM) y.tab.c
1043 .l:
1044 $(RM) $*.c
1045 $(LEX.l) $< > $*.c
1046 $(LINK.c) -o $@ $*.c -ll $(LDLIBS)
1047 $(POST_PROCESS)
1048 $(RM) $*.c
1049 .l.o:

```



```

1050 $(RM) $*.c
1051 $(LEX.l) $< > $*.c
1052 $(COMPILE.c) -o $@ $*.c $(CTFCONVERT_HOOK)
1053 $(POST_PROCESS_O)
1054 $(RM) $*.c

1056 .bin.o:
1057 $(COMPILE.b) -o $@ $<
1058 $(POST_PROCESS_O)

1060 .java.class:
1061 $(COMPILE.java) $<

1063 # Bourne and Korn shell script message catalog build rules.
1064 # We extract all gettext strings with sed(1) (being careful to permit
1065 # multiple gettext strings on the same line), weed out the dups, and
1066 # build the catalogue with awk(1).

1068 .sh.po .ksh.po:
1069 $(SED) -n -e ":a" \
1070 -e "h" \
1071 -e "s/. *gettext *\([^\"]*\)*\.\*/\1/p" \
1072 -e "x" \
1073 -e "s/\(.*\)gettext *\"*\[^\"]*\*\(.*\)/\1\2/" \
1074 -e "t a" \
1075 $< | sort -u | awk '{ print "msgid\t" $$0 "\nmsgstr" }' > $@

1077 #
1078 # Python and Perl executable and message catalog build rules.
1079 #
1080 .SUFFIXES: .pl .pm .py .pyc

1082 .pl:
1083 $(RM) $@;
1084 $(SED) -e "s@TEXT_DOMAIN@\"$(TEXT_DOMAIN)\"@" $< > $@;
1085 $(CHMOD) +x $@

1087 .py:
1088 $(RM) $@; $(CAT) $< > $@; $(CHMOD) +x $@

1090 .py.pyc:
1091 $(RM) $@
1092 $(PYTHON) -mpy_compile $<
1093 @[ $(<)c = $@ ] || $(MV) $(<)c $@

1095 .py.po:
1096 $(GNUXGETTEXT) $(GNUXGETTEXT) -d $(<F:%.py=) $< ;

1098 .pl.po .pm.po:
1099 $(XGETTEXT) $(XGETTEXT) -d $(<F) $< ;
1100 $(RM) $@ ;
1101 $(SED) "/^domain/d" < $(<F).po > $@ ;
1102 $(RM) $(<F).po

1104 #
1105 # When using xgettext, we want messages to go to the default domain,
1106 # rather than the specified one. This special version of the
1107 # COMPILE.cpp macro effectively prevents expansion of TEXT_DOMAIN,
1108 # causing xgettext to put all messages into the default domain.
1109 #
1110 CPPFORPO=$(COMPILE.cpp:"$(TEXT_DOMAIN)"=TEXT_DOMAIN)

1112 .c.i:
1113 $(CPPFORPO) $< > $@

1115 .h.i:

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1116 $(CPPFORPO) $< > $@

1118 .y.i:
1119 $(YACC) -d $<
1120 $(CPPFORPO) y.tab.c > $@
1121 $(RM) y.tab.c

1123 .l.i:
1124 $(LEX) $<
1125 $(CPPFORPO) lex.yy.c > $@
1126 $(RM) lex.yy.c

1128 .c.po:
1129 $(CPPFORPO) $< > $<.i
1130 $(BUILD.po)

1132 .y.po:
1133 $(YACC) -d $<
1134 $(CPPFORPO) y.tab.c > $<.i
1135 $(BUILD.po)
1136 $(RM) y.tab.c

1138 .l.po:
1139 $(LEX) $<
1140 $(CPPFORPO) lex.yy.c > $<.i
1141 $(BUILD.po)
1142 $(RM) lex.yy.c

1144 #
1145 # Rules to perform stylistic checks
1146 #
1147 .SUFFIXES: .x .xml .check .xmlchk

1149 .h.check:
1150 $(DOT_H_CHECK)

1152 .x.check:
1153 $(DOT_X_CHECK)

1155 .xml.xmlchk:
1156 $(MANIFEST_CHECK)

1158 #
1159 # Include rules to render automated sccs get rules "safe".
1160 #
1161 include $(SRC)/Makefile.noget

```

new/usr/src/cmd/perl/Makefile.perl

1

```
*****
1202 Mon Jun  9 13:17:31 2014
new/usr/src/cmd/perl/Makefile.perl
4911 illumos-gate perl package version is fixed
Reviewed by: Andy Stormont <astormont@racktopsystems.com>
Reviewed by: Keith Wesolowski <keith.wesolowski@joyent.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 at
9 # http://www.illumos.org/license/CDDL.
10 #
11 #
12 # Copyright (c) 2014 Racktop Systems.
13 #
```

```
15 include $(SRC)/lib/Makefile.lib
```

```
17 # PERL_VERSION used to be set here,
18 # but as it is also needed in usr/src/pkg/Makefile,
19 # the definition was moved to usr/src/Makefile.master
17 PERL_VERSION = 5.10.0
```

```
21 PERL_ARCH = i86pc-solaris-64int
22 $(SPARC_BLD)PERL_ARCH = sun4-solaris-64int
```

```
24 PERLDIR = $(ADJUNCT_PROTO)/usr/perl5/$(PERL_VERSION)
25 PERLLIBDIR = $(PERLDIR)/lib/$(PERL_ARCH)
26 PERLINCDIR = $(PERLLIBDIR)/CORE
```

```
28 PERLMOD = $(MODULE).pm
29 PERLEXT = $(MACH)/$(MODULE).so
```

```
31 ROOTPERLDIR = $(ROOT)/usr/perl5/$(PERL_VERSION)
32 ROOTPERLLIBDIR = $(ROOTPERLDIR)/lib/$(PERL_ARCH)
33 ROOTPERLMODDIR = $(ROOTPERLLIBDIR)/Sun/Solaris
34 ROOTPERLEXTDIR = $(ROOTPERLLIBDIR)/auto/Sun/Solaris/$(MODULE)
```

```
36 ROOTPERLMOD = $(ROOTPERLMODDIR)/$(MODULE).pm
37 ROOTPERLEXT = $(ROOTPERLEXTDIR)/$(MODULE).so
```

```
39 C99MODE = $(C99_ENABLE)
```

```

*****
24317 Mon Jun  9 13:17:32 2014
new/usr/src/pkg/Makefile
4911 illumos-gate perl package version is fixed
Reviewed by: Andy Stormont <astormont@racktopsystems.com>
Reviewed by: Keith Wesolowski <keith.wesolowski@joyent.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.
12 #
13 # When distributing Covered Code, include this CDDL HEADER in each
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 #

22 #
23 # Copyright (c) 2010, Oracle and/or its affiliates. All rights reserved.
24 #

26 include $(SRC)/Makefile.master
27 include $(SRC)/Makefile.buildnum

29 #
30 # Make sure we're getting a consistent execution environment for the
31 # embedded scripts.
32 #
33 SHELL= /usr/bin/ksh93

35 #
36 # To suppress package dependency generation on any system, regardless
37 # of how it was installed, set SUPPRESSPKGDEP=true in the build
38 # environment.
39 #
40 SUPPRESSPKGDEP= false

42 #
43 # Comment this line out or set "PKGDEBUG=" in your build environment
44 # to get more verbose output from the make processes in usr/src/pkg
45 #
46 PKGDEBUG= @

48 #
49 # Cross platform packaging notes
50 #
51 # By default, we package the proto area from the same architecture as
52 # the packaging build. In other words, if you're running nightly or
53 # bldenv on an x86 platform, it will take objects from the x86 proto
54 # area and use them to create x86 repositories.
55 #
56 # If you want to create repositories for an architecture that's
57 # different from $(uname -p), you do so by setting PKGMACH in your
58 # build environment.
59 #

```

```

60 # For this to work correctly, the following must all happen:
61 #
62 # 1. You need the desired proto area, which you can get either by
63 # doing a gatekeeper-style build with the -U option to
64 # nightly(1), or by using rsync. If you don't do this, you will
65 # get packaging failures building all packages, because pkgsend
66 # is unable to find the required binaries.
67 #
68 # 2. You need the desired tools proto area, which you can get in the
69 # same ways as the normal proto area. If you don't do this, you
70 # will get packaging failures building onbld, because pkgsend is
71 # unable to find the tools binaries.
72 #
73 # 3. The remainder of this Makefile should never refer directly to
74 # $(MACH). Instead, $(PKGMACH) should be used whenever an
75 # architecture-specific path or token is needed. If this is done
76 # incorrectly, then packaging will fail, and you will see the
77 # value of $(uname -p) instead of the value of $(PKGMACH) in the
78 # commands that fail.
79 #
80 # 4. Each time a rule in this Makefile invokes $(MAKE), it should
81 # pass PKGMACH=$(PKGMACH) explicitly on the command line. If
82 # this is done incorrectly, then packaging will fail, and you
83 # will see the value of $(uname -p) instead of the value of
84 # $(PKGMACH) in the commands that fail.
85 #
86 # Refer also to the convenience targets defined later in this
87 # Makefile.
88 #
89 #
90 # ROOT, TOOLS_PROTO, and PKGARCHIVE should be set by nightly or
91 # bldenv. These macros translate them into terms of $PKGMACH, instead
92 # of $ARCH.
93 #
94 #
95 #
96 #
97 #
98 #
99 #
100 #
101 #
102 #
103 #
104 #
105 # Always build the redistributable repository, but only build the
106 # nonredistributable bits if we have access to closed source.
107 #
108 # Some objects that result from the closed build are still
109 # redistributable, and should be packaged as part of an open-only
110 # build. Access to those objects is provided via the closed-bins
111 # tarball. See usr/src/tools/scripts/bindrop.sh for details.
112 #
113 #
114 #
115 #
116 #
117 #
118 #
119 #
120 #
121 #
122 #
123 #
124 #
125 # The tools proto must be specified for dependency generation.

```

```

126 # Publication from the tools proto area is managed in the
127 # publication rule.
128 #
129 $(PDIR)/developer-build-onbld.dep:= PKGROOT= $(TOOLSROOT)

131 PKGPUBLISHER= $(PKGPUBLISHER_REDIST)

133 #
134 # To get these defaults, manifests should simply refer to $(PKGVERS).
135 #
136 PKGVERS_COMPONENT= 0.$(RELEASE)
137 PKGVERS_BUILTON= $(RELEASE)
138 PKGVERS_BRANCH= 0.$(ONNV_BUILDNUM)
139 PKGVERS= $(PKGVERS_COMPONENT),$(PKGVERS_BUILTON)-$(PKGVERS_BRANCH)

141 #
142 # The ARCH32 and ARCH64 macros are used in the manifests to express
143 # architecture-specific subdirectories in the installation paths
144 # for isaexec'd commands.
145 #
146 # We can't simply use $(MACH32) and $(MACH64) here, because they're
147 # only defined for the build architecture. To do cross-platform
148 # packaging, we need both values.
149 #
150 i386_ARCH32= i86
151 sparc_ARCH32= sparcv7
152 i386_ARCH64= amd64
153 sparc_ARCH64= sparcv9

155 #
156 # macros and transforms needed by pkgmogrify
157 #
158 # If you append to this list using target-specific assignments (:=),
159 # be very careful that the targets are of the form $(PDIR)/pkgname. If
160 # you use a higher level target, or a package list, you'll trigger a
161 # complete reprocessing of all manifests because they'll fail command
162 # dependency checking.
163 #
164 PM_TRANSFORMS= common_actions publish restart_fmri facets defaults \
165     extract_metadata
166 PM_INC= transforms manifests

168 PKGMOG_DEFINES= \
169     i386_ONLY=$(POUND_SIGN) \
170     sparc_ONLY=$(POUND_SIGN) \
171     $(PKGMACH)_ONLY= \
172     ARCH=$(PKGMACH) \
173     ARCH32=$( $(PKGMACH)_ARCH32 ) \
174     ARCH64=$( $(PKGMACH)_ARCH64 ) \
175     PKGVERS_COMPONENT=$(PKGVERS_COMPONENT) \
176     PKGVERS_BUILTON=$(PKGVERS_BUILTON) \
177     PKGVERS_BRANCH=$(PKGVERS_BRANCH) \
178     PKGVERS=$(PKGVERS) \
179     PERL_VERSION=$(PERL_VERSION) \
180     PERL_PKGVERS=$(PERL_PKGVERS)
178     PKGVERS=$(PKGVERS)

182 PKGDEP_TOKENS_i386= \
183     'PLATFORM=i86hvm' \
184     'PLATFORM=i86pc' \
185     'PLATFORM=i86xpv' \
186     'ISALIST=amd64' \
187     'ISALIST=i386'
188 PKGDEP_TOKENS_sparc= \
189     'PLATFORM=sun4u' \
190     'PLATFORM=sun4v' \

```

```

191     'ISALIST=sparcv9' \
192     'ISALIST=sparc'
193 PKGDEP_TOKENS= $(PKGDEP_TOKENS_$(PKGMACH))

195 #
196 # The package lists are generated with $(PKGDEP_TYPE) as their
197 # dependency types, so that they can be included by either an
198 # incorporation or a group package.
199 #
200 $(PDIR)/osnet-redis.mog := PKGDEP_TYPE= require
201 $(PDIR)/osnet-incorporation.mog:= PKGDEP_TYPE= incorporate

203 PKGDEP_INCORP= \
204     depend fmri=consolidation/osnet/osnet-incorporation type=require

206 #
207 # All packaging build products should go into $(PDIR), so they don't
208 # need to be included separately in CLOBBERFILES.
209 #
210 CLOBBERFILES= $(PDIR) proto_list_$(PKGMACH) install-$(PKGMACH).out \
211     license-list

213 #
214 # By default, PKGS will list all manifests. To build and/or publish a
215 # subset of packages, override this on the command line or in the
216 # build environment and then reference (implicitly or explicitly) the all
217 # or install targets.
218 #
219 MANIFESTS :sh= (cd manifests; print *.mf)
220 PKGS= $(MANIFESTS:%.mf=%)
221 DEP_PKGS= $(PKGS:%=$(PDIR)/%.dep)
222 PROC_PKGS= $(PKGS:%=$(PDIR)/%.mog)

224 #
225 # Track the synthetic manifests separately so we can properly express
226 # build rules and dependencies. The synthetic and real packages use
227 # different sets of transforms and macros for pkgmogrify.
228 #
229 SYNTH_PKGS= osnet-incorporation osnet-redis
230 DEP_SYNTH_PKGS= $(SYNTH_PKGS:%=$(PDIR)/%.dep)
231 PROC_SYNTH_PKGS= $(SYNTH_PKGS:%=$(PDIR)/%.mog)

233 #
234 # Root of pkg image to use for dependency resolution
235 # Normally / on the machine used to build the binaries
236 #
237 PKGDEP_RESOLVE_IMAGE = /

239 #
240 # For each package, we determine the target repository based on
241 # manifest-embedded metadata. Because we make that determination on
242 # the fly, the publication target cannot be expressed as a
243 # subdirectory inside the unknown-by-the-makefile target repository.
244 #
245 # In order to limit the target set to real files in known locations,
246 # we use a ".pub" file in $(PDIR) for each processed manifest, regardless
247 # of content or target repository.
248 #
249 PUB_PKGS= $(SYNTH_PKGS:%=$(PDIR)/%.pub) $(PKGS:%=$(PDIR)/%.pub)

251 #
252 # Any given repository- and status-specific package list may be empty,
253 # but we can only determine that dynamically, so we always generate all
254 # lists for each repository we're building.
255 #
256 # The meanings of each package status are as follows:

```

```

257 #
258 #     PKGSTAT      meaning
259 #     -----
260 #     noincorp     Do not include in incorporation or group package
261 #     obsolete     Include in incorporation, but not group package
262 #     renamed      Include in incorporation, but not group package
263 #     current      Include in incorporation and group package
264 #
265 # Since the semantics of the "noincorp" package status dictate that
266 # such packages are not included in the incorporation or group packages,
267 # there is no need to build noincorp package lists.
268 #
269 PKGLISTS= \
270   $(REPOS:=$(PDIR)/packages.%.current) \
271   $(REPOS:=$(PDIR)/packages.%.renamed) \
272   $(REPOS:=$(PDIR)/packages.%.obsolete)
273 #
274 .KEEP_STATE:
275 #
276 .PARALLEL: $(PKGS) $(PROC_PKGS) $(DEP_PKGS) \
277   $(PROC_SYNTH_PKGS) $(DEP_SYNTH_PKGS) $(PUB_PKGS)
278 #
279 #
280 # For a single manifest, the dependency chain looks like this:
281 #
282 #     raw manifest (mypkg.mf)
283 #     |
284 #     use pkgmogrify to process raw manifest
285 #     |
286 #     processed manifest (mypkg.mog)
287 #     |
288 #     * use pkgdepend generate to generate dependencies
289 #     |
290 #     manifest with TBD dependencies (mypkg.dep)
291 #     |
292 #     % use pkgdepend resolve to resolve dependencies
293 #     |
294 #     manifest with dependencies resolved (mypkg.res)
295 #     |
296 #     use pkgdepend to publish the package
297 #     |
298 #     placeholder to indicate successful publication (mypkg.pub)
299 #
300 # * This may be suppressed via SUPPRESSPKGDEP. The resulting
301 # packages will install correctly, but care must be taken to
302 # install all dependencies, because pkg will not have the input
303 # it needs to determine this automatically.
304 #
305 # % This is included in this diagram to make the picture complete, but
306 # this is a point of synchronization in the build process.
307 # Dependency resolution is actually done once on the entire set of
308 # manifests, not on a per-package basis.
309 #
310 # The full dependency chain for generating everything that needs to be
311 # published, without actually publishing it, looks like this:
312 #
313 #     processed synthetic packages
314 #     |
315 #     package lists      synthetic package manifests
316 #     |
317 #     processed real packages
318 #     |
319 #     package dir      real package manifests
320 #
321 # Here, each item is a set of real or synthetic packages. For this
322 # portion of the build, no reference is made to the proto area. It is

```

```

323 # therefore suitable for the "all" target, as opposed to "install."
324 #
325 # Since each of these steps is expressed explicitly, "all" need only
326 # depend on the head of the chain.
327 #
328 # From the end of manifest processing, the publication dependency
329 # chain looks like this:
330 #
331 #     repository metadata (catalogs and search indices)
332 #     |
333 #     pkgrepo refresh
334 #     |
335 #     published packages
336 #     |
337 #     pkgsend publish
338 #     |
339 #     repositories      resolved dependencies
340 #     |
341 #     pkgdepend resolve
342 #     |
343 #     generated dependencies
344 #     |
345 #     pkgdepend
346 #     |
347 #     processed manifests
348 #
349 #
350 ALL_TARGETS= $(PROC_SYNTH_PKGS) proto_list_$(PKGSMACH)
351 #
352 all: $(ALL_TARGETS)
353 #
354 #
355 # This will build the directory to contain the processed manifests
356 # and the metadata symlinks.
357 #
358 $(PDIR):
359   @print "Creating $(@)"
360   $(PKGDEBUG)$(INS.dir)
361 #
362 #
363 # This rule resolves dependencies across all published manifests.
364 #
365 # We shouldn't have to ignore the error from pkgdepend, but until
366 # 16012 and its dependencies are resolved, pkgdepend will always exit
367 # with an error.
368 #
369 $(PDIR)/gendeps: $(DEP_SYNTH_PKGS) $(DEP_PKGS)
370   -$(PKGDEBUG)if [ "$(SUPPRESSPKGDEP)" = "true" ]; then \
371     print "Suppressing dependency resolution"; \
372     for p in $(DEP_PKGS:%.dep=%); do \
373       $(CP) $$p.dep $$p.res; \
374     done; \
375   else \
376     print "Resolving dependencies"; \
377     pkgdepend -R $(PKGDEP_RESOLVE_IMAGE) resolve \
378       -m $(DEP_SYNTH_PKGS) $(DEP_PKGS); \
379     for p in $(DEP_SYNTH_PKGS:%.dep=%) $(DEP_PKGS:%.dep=%); do \
380       if [ "$$(print $$p.metadata.*)" = \
381         "$$(print $$p.metadata.noincorp.*)" ]; \
382     then \
383       print "Removing dependency versions from $$p"; \
384       $(PKMGRIFY) $(PKMGR_VERBOSE) \
385         -O $$p.res -I transforms \
386         strip_versions $$p.dep.res; \
387       $(RM) $$p.dep.res; \
388     else \

```

```

389             $(MV) $$p.dep.res $$p.res; \
390             fi; \
391         done; \
392     fi
393     $(PKGDEBUG)$ (TOUCH) $(@)

395 install: $(ALL_TARGETS) repository-metadata

397 repository-metadata: publish_pkgs
398     $(PKGDEBUG)for r in $(REPOS); do \
399         pkgrepo refresh -s $(PKGDEST)/repo.$$r; \
400     done

402 #
403 # Since we create zero-length processed manifests for a graceful abort
404 # from pkgmogrify, we need to detect that here and make no effort to
405 # publish the package.
406 #
407 # For all other packages, we publish them regardless of status. We
408 # derive the target repository as a component of the metadata-derived
409 # symlink for each package.
410 #
411 publish_pkgs: $(REPOS:%=$(PKGDEST)/repo.%) $(PDIR)/gendeps .WAIT $(PUB_PKGS)

413 #
414 # Before publishing, we want to pull the license files from $CODEMGR_WS
415 # into the proto area. This allows us to NOT pass $SRC (or
416 # $CODEMGR_WS) as a basedir for publication.
417 #
418 $(PUB_PKGS): stage-licenses

420 #
421 # Initialize the empty on-disk repositories
422 #
423 $(REPOS:%=$(PKGDEST)/repo.%):
424     @print "initializing $(@F)"
425     $(PKGDEBUG)$ (INS.dir)
426     $(PKGDEBUG)pkgsend -s file://$(@) create-repository \
427         --set-property publisher.prefix=$(PKG PUBLISHER)

429 #
430 # rule to process real manifests
431 #
432 # To allow redistributability and package status to change, we must
433 # remove not only the actual build target (the processed manifest), but
434 # also the incidental ones (the metadata-derived symlinks).
435 #
436 # If pkgmogrify exits cleanly but fails to create the specified output
437 # file, it means that it encountered an abort directive. That means
438 # that this package should not be published for this particular build
439 # environment. Since we can't prune such packages from $(PKGS)
440 # retroactively, we need to create an empty target file to keep make
441 # from trying to rebuild it every time. For these empty targets, we
442 # do not create metadata symlinks.
443 #
444 # Automatic dependency resolution to files is also done at this phase of
445 # processing. The skipped packages are skipped due to existing bugs
446 # in pkgdepend.
447 #
448 # The incorporation dependency is tricky: it needs to go into all
449 # current and renamed manifests (ie all incorporated packages), but we
450 # don't know which those are until after we run pkgmogrify. So
451 # instead of expressing it as a transform, we tack it on ex post facto.
452 #
453 # Implementation notes:
454 #

```

```

455 # - The first $(RM) must not match other manifests, or we'll run into
456 # race conditions with parallel manifest processing.
457 #
458 # - The make macros [ie $(MACRO)] are evaluated when the makefile is
459 # read in, and will result in a fixed, macro-expanded rule for each
460 # target enumerated in $(PROC_PKGS).
461 #
462 # - The shell variables (ie $$VAR) are assigned on the fly, as the rule
463 # is executed. The results may only be referenced in the shell in
464 # which they are assigned, so from the perspective of make, all code
465 # that needs these variables needs to be part of the same line of
466 # code. Hence the use of command separators and line continuation
467 # characters.
468 #
469 # - The extract_metadata transforms are designed to spit out shell
470 # variable assignments to stdout. Those are published to the
471 # .vars temporary files, and then used as input to the eval
472 # statement. This is done in stages specifically so that pkgmogrify
473 # can signal failure if the manifest has a syntactic or other error.
474 # The eval statement should begin with the default values, and the
475 # output from pkgmogrify (if any) should be in the form of a
476 # variable assignment to override those defaults.
477 #
478 # - When this rule completes execution, it must leave an updated
479 # target file ($@) in place, or make will reprocess the package
480 # every time it encounters it as a dependency. Hence the "touch"
481 # statement to ensure that the target is created, even when
482 # pkgmogrify encounters an abort in the publish transforms.
483 #

485 .SUFFIXES: .mf .mog .dep .res .pub

487 $(PDIR)/%.mog: manifests/%.mf
488     @print "Processing manifest $(<F)"
489     @env PKGFMT_OUTPUT=vl pkgfmt -c $<
490     $(PKGDEBUG)$ (RM) $(@) $(@:%.mog=%) $(@:%.mog=%.nodepend) \
491         $(@:%.mog=%.lics) $(PDIR)/$(@F:%.mog=%).metadata.* $(@).vars
492     $(PKGDEBUG)$ (PKGMOGRIFY) $(PKGMOG_VERBOSE) $(PM_INC:%=-I %) \
493         $(PKGMOG_DEFINES:%=-D %) -P $(@).vars -O $(@) \
494         $(<) $(PM_TRANSFORMS)
495     $(PKGDEBUG)eval REPO=redist PKGSTAT=current NODEPEND=$(SUPPRESSPKGDEP) \
496         $(CAT) -s $(@).vars; \
497     if [ -f $(@) ]; then \
498         if [ "$$NODEPEND" != "false" ]; then \
499             $(TOUCH) $(@:%.mog=%.nodepend); \
500         fi; \
501         $(LN) -s $(@F) \
502             $(PDIR)/$(@F:%.mog=%).metadata.$$PKGSTAT.$$REPO; \
503         if [ \$( "$$PKGSTAT" = "current" \) -o \
504             \$( "$$PKGSTAT" = "renamed" \) ]; \
505             then print $(PKGDEP_INCORP) >> $(@); \
506         fi; \
507         print $$LICS > $(@:%.mog=%.lics); \
508     else \
509         $(TOUCH) $(@) $(@:%.mog=%.lics); \
510     fi
511     $(PKGDEBUG)$ (RM) $(@).vars

513 $(PDIR)/%.dep: $(PDIR)/%.mog
514     @print "Generating dependencies for $(<F)"
515     $(PKGDEBUG)$ (RM) $(@)
516     $(PKGDEBUG)if [ ! -f $(@:%.dep=%.nodepend) ]; then \
517         pkgdepend generate -m $(PKGDEP_TOKENS:%=-D %) $(<) \
518             $(PKGROOT) > $(@); \
519     else \
520         $(CP) $(<) $(@); \

```

```

521     fi
522
523 #
524 # The full chain implies that there should be a .dep.res suffix rule,
525 # but dependency generation is done on a set of manifests, rather than
526 # on a per-manifest basis.  Instead, see the gendeps rule above.
527 #
528
529 $(PDIR)/%.pub: $(PDIR)/%.res
530     $(PKGDEBUG)m=${$(basename ${@:%.pub=}).metadata.*}; \
531     r=${m#$(@F:%.pub=%,metadata.)+(?.).}; \
532     if [ -s $(<) ]; then \
533         print "Publishing ${@F:%.pub=%} to $$r repository"; \
534         pkgsend -s file://$(PKGDEST)/repo.$$r publish \
535             -d $(PKGROOT) -d $(TOOLROOT) \
536             -d license_files -d $(PKGROOT)/licenses \
537             --fmri-in-manifest --no-index --no-catalog $(<) \
538             > /dev/null; \
539     fi; \
540     $(TOUCH) $@;
541
542 #
543 # rule to build the synthetic manifests
544 #
545 # This rule necessarily has PKGDEP_TYPE that changes according to
546 # the specific synthetic manifest.  Rather than escape command
547 # dependency checking for the real manifest processing, or failing to
548 # express the (indirect) dependency of synthetic manifests on real
549 # manifests, we simply split this rule out from the one above.
550 #
551 # The implementation notes from the previous rule are applicable
552 # here, too.
553 #
554 $(PROC_SYNTH_PKGS): $(PKGLISTS) ${@F:%.mog=%,mf}
555     @print "Processing synthetic manifest ${@F:%.mog=%,mf}"
556     $(PKGDEBUG)$(RM) $@ $(PDIR)/${@F:%.mog=%,mf}.metadata.* $@.vars
557     $(PKGDEBUG)$(PKMGRIFY) $(PKMGR_VERBOSE) -I transforms -I $(PDIR) \
558         $(PKMGR_DEFINES:%=-D %) -D PKGDEP_TYPE=$(PKGDEP_TYPE) \
559         -P $@.vars -O $@ ${@F:%.mog=%,mf} \
560         $(PM_TRANSFORMS) synthetic
561     $(PKGDEBUG)eval REPO=redist PKGSTAT=current `$(CAT) -s $@.vars`; \
562     if [ -f $@ ]; then \
563         $(LN) -s $@F \
564             $(PDIR)/${@F:%.mog=%,mf}.metadata.$$PKGSTAT.$$REPO; \
565     else \
566         $(TOUCH) $@; \
567     fi
568     $(PKGDEBUG)$(RM) $@.vars
569
570 $(DEP_SYNTH_PKGS): ${@:%.dep=%,mog}
571     @print "Skipping dependency generation for ${@F:%.dep=%}"
572     $(PKGDEBUG)$(CP) $@:%.dep=%,mog $@
573
574 clean:
575
576 clobber: clean
577     $(RM) -r $(CLOBBERFILES)
578
579 #
580 # This rule assumes that all links in the $PKGSTAT directories
581 # point to valid manifests, and will fail the make run if one
582 # does not contain an fmri.
583 #
584 # We do this in the BEGIN action instead of using pattern matching
585 # because we expect the fmri to be at or near the first line of each input
586 # file, and this way lets us avoid reading the rest of the file after we

```

```

587 # find what we need.
588 #
589 # We keep track of a failure to locate an fmri, so we can fail the
590 # make run, but we still attempt to process each package in the
591 # repo/pkgstat-specific subdir, in hopes of maybe giving some
592 # additional useful info.
593 #
594 # The protolist is used for bfu archive creation, which may be invoked
595 # interactively by the user.  Both protolist and PKGLISTS targets
596 # depend on $(PROC_PKGS), but protolist builds them recursively.
597 # To avoid collisions, we insert protolist into the dependency chain
598 # here.  This has two somewhat subtle benefits: it allows bfu archive
599 # creation to work correctly, even when -a was not part of NIGHTLY_OPTIONS,
600 # and it ensures that a protolist file here will always correspond to the
601 # contents of the processed manifests, which can vary depending on build
602 # environment.
603 #
604 $(PKGLISTS): $(PROC_PKGS)
605     $(PKGDEBUG)sdotr=${@F:packages.%;}; \
606     r=${sdotr%.+(?)}; s=${sdotr##+(?.).}; \
607     print "Generating $$r $$s package list"; \
608     $(RM) $@; $(TOUCH) $@; \
609     $(NAWK) 'BEGIN { \
610         if (ARGC < 2) { \
611             exit; \
612         } \
613         retcode = 0; \
614         for (i = 1; i < ARGC; i++) { \
615             do { \
616                 e = getline f < ARGV[i]; \
617                 } while ((e == 1) && (f !~ /name=pkg.fMRI/)); \
618                 close(ARGV[i]); \
619                 if (e == 1) { \
620                     l = split(f, a, "="); \
621                     print "depend fmri=" a[l], \
622                         "type=${PKGDEP_TYPE}"; \
623                 } else { \
624                     print "no fmri in " ARGV[i] >> "/dev/stderr"; \
625                     retcode = 2; \
626                 } \
627             } \
628             exit retcode; \
629         }' `find $(PDIR) -type l -a \( $(PKGS:%=-name %.metadata.$$s.$$r -o) \
630             -name NOSUCHFILE \)` >> $@
631
632 #
633 # rules to validate proto area against manifests, check for safe
634 # file permission modes, and generate a faux proto list
635 #
636 # For the check targets, the dependencies on $(PROC_PKGS) is specified
637 # as a subordinate make process in order to suppress output.
638 #
639 makesilent:
640     @$(MAKE) -e $(PROC_PKGS) PKGMACH=$(PKGMACH) \
641         SUPPRESSPKGDEP=$(SUPPRESSPKGDEP) > /dev/null
642
643 #
644 # The .lics files were created during pkgmogrification, and list the
645 # set of licenses to pull from $SRC for each package.  Because
646 # licenses may be duplicated between packages, we unquify them as
647 # well as aggregating them here.
648 #
649 license-list: makesilent
650     $(PKGDEBUG)( for l in `cat $(PROC_PKGS:%.mog=%,lics`; \
651         do print $$l; done ) | sort -u > $@

```

```

653 #
654 # Staging the license and description files in the proto area allows
655 # us to do proper unreferenced file checking of both license and
656 # description files without blanket exceptions, and to pull license
657 # content without reference to $CODEMGR_WS during publication.
658 #
659 stage-licenses: license-list FRC
660     $(PKGDEBUG)$(MAKE) -e -f Makefile.lic \
661         PKGDEBUG=$(PKGDEBUG) LICROOT=$(PKGROOT)/licenses \
662         '$(NAWK)' '{ \
663             print "$(PKGROOT)/licenses/" $$0; \
664             print "$(PKGROOT)/licenses/" $$0 ".descrip"; \
665         }' license-list > /dev/null;
666
667 protocmp: makesilent
668     @validate_pkg -a $(PKGARCH) -v \
669         $(EXCEPTIONS:%=-e $(CODEMGR_WS)/exception_lists/%) \
670         -m $(PDIR) -p $(PKGROOT) -p $(TOOLSROOT)
671
672 pmodes: makesilent
673     @validate_pkg -a $(PKGARCH) -M -m $(PDIR) \
674         -e $(CODEMGR_WS)/exception_lists/pmodes
675
676 check: protocmp pmodes
677
678 protolist: proto_list_$(PKGARCH)
679
680 proto_list_$(PKGARCH): $(PROC_PKGS)
681     @validate_pkg -a $(PKGARCH) -L -m $(PDIR) > $(@)
682
683 $(PROC_PKGS): $(PDIR)
684
685 #
686 # This is a convenience target to allow package names to function as
687 # build targets. Generally, using it is only useful when iterating on
688 # development of a manifest.
689 #
690 # When processing a manifest, use the basename (without extension) of
691 # the package. When publishing, use the basename with a ".pub"
692 # extension.
693 #
694 # Other than during manifest development, the preferred usage is to
695 # avoid these targets and override PKGS on the make command line and
696 # use the provided all and install targets.
697 #
698 $(PKGS) $(SYNTH_PKGS): $(PDIR)/$$(@:%=%.mog)
699
700 $(PKGS:%=%.pub) $(SYNTH_PKGS:%=%.pub): $(PDIR)/$$(@)
701
702 #
703 # This is a convenience target to resolve dependencies without publishing
704 # packages.
705 #
706 gendeps: $(PDIR)/gendeps
707
708 #
709 # These are convenience targets for cross-platform packaging. If you
710 # want to build any of "the normal" targets for a different
711 # architecture, simply use "arch/target" as your build target.
712 #
713 # Since the most common use case for this is "install," the architecture
714 # specific install targets have been further abbreviated to elide "/install."
715 #
716 i386/% sparc/%:
717     $(MAKE) -e $(@F) PKGMACH=$(@D) SUPPRESSPKGDEP=$(SUPPRESSPKGDEP)

```

```

719 i386 sparc: $$(@)/install
720
721 FRC:

```



```

*****
89766 Mon Jun 9 13:17:33 2014
new/usr/src/pkg/manifests/SUNWcs.mf
4911 illumos-gate perl package version is fixed
Reviewed by: Andy Stormont <astormont@racktopsystems.com>
Reviewed by: Keith Wesolowski <keith.wesolowski@joyent.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.
12 #
13 # When distributing Covered Code, include this CDDL HEADER in each
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 # Copyright (c) 2013 Gary Mills
26 #
27 #
28 <include SUNWcs.man1.inc>
29 <include SUNWcs.man1m.inc>
30 <include SUNWcs.man4.inc>
31 <include SUNWcs.man5.inc>
32 <include SUNWcs.man7d.inc>
33 <include SUNWcs.man7fs.inc>
34 set name=pkg.fmri value=pkg:/SUNWcs@$(PKGVERS)
35 set name=pkg.description \
36     value="core software for a specific instruction-set architecture"
37 set name=pkg.summary value="Core Solaris"
38 set name=info.classification value=org.opensolaris.category.2008:System/Core
39 set name=variant.arch value=$(ARCH)
40 dir path=dev group=sys
41 dir path=etc group=sys
42 dir path=etc/cron.d group=sys
43 dir path=etc/crypto group=sys
44 dir path=etc/crypto/certs group=sys
45 dir path=etc/crypto/crls group=sys
46 dir path=etc/default group=sys
47 dir path=etc/dev group=sys
48 dir path=etc/devices group=sys
49 dir path=etc/dfs group=sys
50 dir path=etc/dhcp group=sys
51 dir path=etc/fs group=sys
52 dir path=etc/fs/dev group=sys
53 dir path=etc/fs/hsfs group=sys
54 dir path=etc/fs/ufs group=sys
55 dir path=etc/ftpd group=sys
56 dir path=etc/inet group=sys
57 dir path=etc/init.d group=sys
58 dir path=etc/lib group=sys
59 dir path=etc/logadm.d group=sys

```

```

60 dir path=etc/mail group=mail
61 dir path=etc/net group=sys
62 dir path=etc/net/ticlts group=sys
63 dir path=etc/net/ticots group=sys
64 dir path=etc/net/ticotsord group=sys
65 dir path=etc/opt group=sys
66 dir path=etc/rc0.d group=sys
67 dir path=etc/rc1.d group=sys
68 dir path=etc/rc2.d group=sys
69 dir path=etc/rc3.d group=sys
70 dir path=etc/rcS.d group=sys
71 dir path=etc/rpcsec group=sys
72 dir path=etc/saf
73 dir path=etc/saf/zsmon group=sys
74 dir path=etc/sasl group=sys
75 dir path=etc/security group=sys
76 dir path=etc/security/audit group=sys
77 dir path=etc/security/audit/localhost group=sys
78 dir path=etc/security/auth_attr.d group=sys
79 dir path=etc/security/dev group=sys
80 dir path=etc/security/exec_attr.d group=sys
81 dir path=etc/security/lib group=sys
82 dir path=etc/security/prof_attr.d group=sys
83 dir path=etc/skel group=sys
84 dir path=etc/svc group=sys
85 dir path=etc/svc/profile group=sys
86 dir path=etc/svc/profile/site group=sys
87 dir path=etc/svc/volatile group=sys
88 dir path=etc/sysevent group=sys
89 dir path=etc/sysevent/config group=sys
90 dir path=etc/tm group=sys
91 dir path=etc/user_attr.d group=sys
92 dir path=export group=sys
93 dir path=home group=root mode=0555
94 dir path=lib
95 dir path=lib/crypto
96 dir path=lib/inet
97 dir path=lib/svc
98 dir path=lib/svc/bin
99 dir path=lib/svc/capture
100 dir path=lib/svc/manifest group=sys
101 dir path=lib/svc/manifest/application group=sys
102 dir path=lib/svc/manifest/application/management group=sys
103 dir path=lib/svc/manifest/application/security group=sys
104 dir path=lib/svc/manifest/device group=sys
105 dir path=lib/svc/manifest/milestone group=sys
106 dir path=lib/svc/manifest/network group=sys
107 dir path=lib/svc/manifest/network/dns group=sys
108 dir path=lib/svc/manifest/network/ipsec group=sys
109 dir path=lib/svc/manifest/network/ldap group=sys
110 dir path=lib/svc/manifest/network/routing group=sys
111 dir path=lib/svc/manifest/network/rpc group=sys
112 dir path=lib/svc/manifest/network/shares group=sys
113 dir path=lib/svc/manifest/network/ssl group=sys
114 dir path=lib/svc/manifest/platform group=sys
115 $(sparc_ONLY)dir path=lib/svc/manifest/platform/sun4u group=sys
116 dir path=lib/svc/manifest/site group=sys
117 dir path=lib/svc/manifest/system group=sys
118 dir path=lib/svc/manifest/system/device group=sys
119 dir path=lib/svc/manifest/system/filesystem group=sys
120 dir path=lib/svc/manifest/system/security group=sys
121 dir path=lib/svc/manifest/system/svc group=sys
122 dir path=lib/svc/method
123 dir path=lib/svc/monitor
124 dir path=lib/svc/seed
125 dir path=lib/svc/share

```

```

126 dir path=mnt group=sys
127 dir path=opt group=sys
128 dir path=proc group=root mode=0555
129 dir path=root group=root mode=0700
130 dir path=sbin group=sys
131 dir path=system group=root
132 dir path=system/contract group=root mode=0555
133 dir path=system/object group=root mode=0555
134 dir path=tmp group=sys mode=1777
135 dir path=usr group=sys
136 dir path=usr/bin
137 dir path=usr/bin/$(ARCH32)
138 dir path=usr/bin/$(ARCH64)
139 dir path=usr/ccs
140 dir path=usr/ccs/bin
141 dir path=usr/demo
142 dir path=usr/games
143 dir path=usr/has
144 dir path=usr/has/bin
145 dir path=usr/has/lib
146 dir path=usr/has/man
147 dir path=usr/has/man/manlhas
148 dir path=usr/kernel group=sys
149 dir path=usr/kernel/drv group=sys
150 dir path=usr/kernel/drv/$(ARCH64) group=sys
151 dir path=usr/kernel/exec group=sys
152 dir path=usr/kernel/exec/$(ARCH64) group=sys
153 dir path=usr/kernel/fs group=sys
154 dir path=usr/kernel/fs/$(ARCH64) group=sys
155 dir path=usr/kernel/pcbe group=sys
156 dir path=usr/kernel/pcbe/$(ARCH64) group=sys
157 dir path=usr/kernel/sched group=sys
158 dir path=usr/kernel/sched/$(ARCH64) group=sys
159 dir path=usr/kernel/strmod group=sys
160 dir path=usr/kernel/strmod/$(ARCH64) group=sys
161 dir path=usr/kernel/sys group=sys
162 dir path=usr/kernel/sys/$(ARCH64) group=sys
163 dir path=usr/kvm
164 dir path=usr/lib
165 dir path=usr/lib/$(ARCH64)
166 dir path=usr/lib/audit
167 dir path=usr/lib/class
168 dir path=usr/lib/class/FX
169 dir path=usr/lib/class/IA
170 dir path=usr/lib/class/RT
171 dir path=usr/lib/class/SDC
172 dir path=usr/lib/class/TS
173 dir path=usr/lib/crypto
174 dir path=usr/lib/devfsadm group=sys
175 dir path=usr/lib/devfsadm/linkmod group=sys
176 dir path=usr/lib/fs group=sys
177 dir path=usr/lib/fs/autofs group=sys
178 dir path=usr/lib/fs/autofs/$(ARCH64) group=sys
179 dir path=usr/lib/fs/cachefs group=sys
180 dir path=usr/lib/fs/ctfs group=sys
181 dir path=usr/lib/fs/dev group=sys
182 dir path=usr/lib/fs/fd group=sys
183 dir path=usr/lib/fs/hsfs group=sys
184 dir path=usr/lib/fs/lofs group=sys
185 dir path=usr/lib/fs/mntfs group=sys
186 dir path=usr/lib/fs/nfs group=sys
187 dir path=usr/lib/fs/nfs/$(ARCH64) group=sys
188 dir path=usr/lib/fs/objfs group=sys
189 dir path=usr/lib/fs/proc group=sys
190 dir path=usr/lib/fs/sharefs group=sys
191 dir path=usr/lib/fs/tmpfs group=sys

```

```

192 dir path=usr/lib/fs/ufs group=sys
193 dir path=usr/lib/help
194 dir path=usr/lib/help/auths
195 dir path=usr/lib/help/auths/locale
196 dir path=usr/lib/help/auths/locale/C
197 dir path=usr/lib/help/profiles
198 dir path=usr/lib/help/profiles/locale
199 dir path=usr/lib/help/profiles/locale/C
200 dir path=usr/lib/iconv
201 dir path=usr/lib/inet
202 dir path=usr/lib/inet/$(ARCH32)
203 dir path=usr/lib/inet/$(ARCH64)
204 dir path=usr/lib/inet/dhcp
205 dir path=usr/lib/inet/dhcp/nsu
206 dir path=usr/lib/inet/dhcp/svc
207 dir path=usr/lib/locale
208 dir path=usr/lib/locale/C
209 dir path=usr/lib/locale/C/LC_COLLATE
210 dir path=usr/lib/locale/C/LC_CTYPE
211 dir path=usr/lib/locale/C/LC_MESSAGES
212 dir path=usr/lib/locale/C/LC_MONETARY
213 dir path=usr/lib/locale/C/LC_NUMERIC
214 dir path=usr/lib/locale/C/LC_TIME
215 dir path=usr/lib/netsh group=sys
216 dir path=usr/lib/pci
217 dir path=usr/lib/rcm
218 dir path=usr/lib/rcm/modules
219 dir path=usr/lib/rcm/scripts
220 dir path=usr/lib/reparse
221 dir path=usr/lib/saf
222 dir path=usr/lib/secure
223 dir path=usr/lib/secure/$(ARCH64)
224 dir path=usr/lib/security
225 dir path=usr/lib/sysevent
226 dir path=usr/lib/sysevent/modules
227 dir path=usr/net group=sys
228 dir path=usr/net/nls group=sys
229 dir path=usr/net/servers group=sys
230 dir path=usr/old
231 dir path=usr/platform group=sys
232 dir path=usr/sadm
233 dir path=usr/sadm/bin
234 dir path=usr/sadm/install
235 dir path=usr/sadm/install/scripts
236 dir path=usr/sbin
237 $(i386_ONLY)dir path=usr/sbin/$(ARCH32)
238 dir path=usr/sbin/$(ARCH64)
239 dir path=usr/share
240 dir path=usr/share/doc group=other
241 dir path=usr/share/doc/ksh
242 dir path=usr/share/doc/ksh/images
243 dir path=usr/share/doc/ksh/images/callouts
244 dir path=usr/share/lib
245 dir path=usr/share/lib/mailx
246 dir path=usr/share/lib/pub
247 dir path=usr/share/lib/tabset
248 dir path=usr/share/lib/xml group=sys
249 dir path=usr/share/lib/xml/dtd group=sys
250 dir path=usr/share/lib/xml/style group=sys
251 dir path=usr/share/man
252 dir path=usr/share/man/man1
253 dir path=usr/share/man/man1m
254 dir path=usr/share/man/man4
255 dir path=usr/share/man/man5
256 dir path=usr/share/man/man7d
257 dir path=usr/share/man/man7fs

```

new/usr/src/pkg/manifests/SUNWcs.mf

```

258 dir path=usr/share/src group=sys
259 dir path=var group=sys
260 dir path=var/adm group=sys mode=0775
261 dir path=var/adm/exacct group=adm owner=adm
262 dir path=var/adm/log group=adm owner=adm
263 dir path=var/adm/streams group=sys
264 dir path=var/audit group=sys
265 dir path=var/cores group=sys
266 dir path=var/cron group=sys
267 dir path=var/games
268 dir path=var/ldap group=daemon owner=daemon
269 dir path=var/inet group=sys
270 dir path=var/ld
271 dir path=var/ld/$(ARCH64)
272 dir path=var/log group=sys
273 dir path=var/logadm
274 dir path=var/mail group=mail mode=1777
275 dir path=var/mail/:saved group=mail mode=0775
276 dir path=var/news
277 dir path=var/opt group=sys
278 dir path=var/preserve mode=1777
279 dir path=var/run group=sys
280 dir path=var/sadm group=sys
281 dir path=var/sadm/system group=sys
282 dir path=var/sadm/system/admin group=sys
283 dir path=var/saf
284 dir path=var/saf/zsmon group=sys
285 dir path=var/spool
286 dir path=var/spool/cron group=sys
287 dir path=var/spool/cron/atjobs group=sys
288 dir path=var/spool/cron/crontabs group=sys
289 dir path=var/spool/locks group=uucp owner=uucp
290 dir path=var/svc group=sys
291 dir path=var/svc/log group=sys
292 dir path=var/svc/manifest group=sys
293 dir path=var/svc/manifest/application group=sys
294 dir path=var/svc/manifest/application/management group=sys
295 dir path=var/svc/manifest/application/print group=sys
296 dir path=var/svc/manifest/application/security group=sys
297 dir path=var/svc/manifest/device group=sys
298 dir path=var/svc/manifest/milestone group=sys
299 dir path=var/svc/manifest/network group=sys
300 dir path=var/svc/manifest/network/dns group=sys
301 dir path=var/svc/manifest/network/ipsec group=sys
302 dir path=var/svc/manifest/network/ldap group=sys
303 dir path=var/svc/manifest/network/nfs group=sys
304 dir path=var/svc/manifest/network/nis group=sys
305 dir path=var/svc/manifest/network/routing group=sys
306 dir path=var/svc/manifest/network/rpc group=sys
307 dir path=var/svc/manifest/network/security group=sys
308 dir path=var/svc/manifest/network/shares group=sys
309 dir path=var/svc/manifest/network/ssl group=sys
310 dir path=var/svc/manifest/platform group=sys
311 $(sparc_ONLY)dir path=var/svc/manifest/platform/sun4u group=sys
312 $(sparc_ONLY)dir path=var/svc/manifest/platform/sun4v group=sys
313 dir path=var/svc/manifest/site group=sys
314 dir path=var/svc/manifest/system group=sys
315 dir path=var/svc/manifest/system/device group=sys
316 dir path=var/svc/manifest/system/filesystem group=sys
317 dir path=var/svc/manifest/system/security group=sys
318 dir path=var/svc/manifest/system/svc group=sys
319 dir path=var/svc/profile group=sys
320 dir path=var/tmp group=sys mode=1777
321 driver name=dump perms="dump 0660 root sys"
322 driver name=fssnap \
323 policy="ctl read_priv_set=sys_config write_priv_set=sys_config" \

```

5

new/usr/src/pkg/manifests/SUNWcs.mf

```

324 perms="* 0640 root sys" perms="ctl 0666 root sys"
325 driver name=kstat perms="* 0666 root sys"
326 driver name=ksyms perms="* 0666 root sys"
327 driver name=logindmux
328 driver name=ptm clone_perms="ptmx 0666 root sys"
329 driver name=pts perms="* 0644 root sys" perms="0 0620 root tty" \
330 perms="1 0620 root tty" perms="2 0620 root tty" perms="3 0620 root tty"
331 file path=etc/.login group=sys preserve=renamenev
332 file path=etc/cron.d/.proto group=sys mode=0744
333 file path=etc/cron.d/at.deny group=sys preserve=true
334 file path=etc/cron.d/cron.deny group=sys preserve=true
335 file path=etc/cron.d/queuedefs group=sys
336 file path=etc/crypto/kmf.conf group=sys preserve=true
337 file path=etc/crypto/pkcs11.conf group=sys preserve=true
338 file path=etc/datensk group=sys mode=0444
339 file path=etc/default/cron group=sys preserve=true
340 file path=etc/default/devfsadm group=sys preserve=true
341 file path=etc/default/fs group=sys preserve=true
342 file path=etc/default/init group=sys preserve=true
343 file path=etc/default/keyserd group=sys preserve=true
344 file path=etc/default/login group=sys preserve=true
345 file path=etc/default/nss group=sys preserve=true
346 file path=etc/default/passwd group=sys preserve=true
347 file path=etc/default/su group=sys preserve=true
348 file path=etc/default/syslogd group=sys preserve=true
349 file path=etc/default/tar group=sys preserve=true
350 file path=etc/default/useradd group=sys preserve=true
351 file path=etc/default/utmpd group=sys preserve=true
352 file path=etc/dev/reserved_devnames group=sys preserve=true
353 file path=etc/device.tab group=root mode=0444 preserve=true
354 file path=etc/dfs/dfstab group=sys preserve=true
355 file path=etc/dfs/fstypes group=root preserve=true
356 file path=etc/dfs/sharetab group=root mode=0444 preserve=true
357 file path=etc/dgrouptab group=sys mode=0444 preserve=true
358 file path=etc/dhcp/inittab group=sys preserve=true
359 file path=etc/dhcp/inittab6 group=sys preserve=true
360 file path=etc/dumpdates group=sys mode=0664 preserve=true
361 file path=etc/format.dat group=sys preserve=true
362 file path=etc/fs/dev/mount mode=0555
363 file path=etc/fs/hfs/mount mode=0555
364 file path=etc/fs/ufs/mount mode=0555
365 file path=etc/ftpd/ftpusers group=sys preserve=true
366 file path=etc/group group=sys preserve=true
367 file path=etc/inet/hosts group=sys preserve=true
368 file path=etc/inet/inetd.conf group=sys preserve=true
369 file path=etc/inet/ipaddrsel.conf group=sys preserve=true
370 file path=etc/inet/netmasks group=sys preserve=true
371 file path=etc/inet/networks group=sys preserve=true
372 file path=etc/inet/protocols group=sys preserve=true
373 file path=etc/inet/services group=sys preserve=true
374 file path=etc/inet/wanboot.conf.sample group=sys mode=0444
375 file path=etc/init.d/PRESERVE group=sys mode=0744 preserve=true
376 file path=etc/init.d/README group=sys preserve=true
377 file path=etc/init.d/cacheofs.daemon group=sys mode=0744 preserve=true
378 file path=etc/init.d/ldap.client group=sys mode=0744
379 file path=etc/init.d/nscd group=sys mode=0744
380 file path=etc/init.d/syssetup group=sys mode=0744 preserve=true
381 file path=etc/init.d/ufs_quota group=sys mode=0744 preserve=true
382 file path=etc/inittab group=sys preserve=true
383 file path=etc/ioctl.syscon group=sys preserve=true
384 file path=etc/ksh.kshrc group=sys preserve=renameold
385 file path=etc/logadm.conf group=sys preserve=true timestamp=19700101T000000Z
386 file path=etc/logindevperm group=sys preserve=true
387 file path=etc/magic mode=0444
388 file path=etc/mail/mailx.rc preserve=true
389 file path=etc/mailcap preserve=true

```

6

```

390 file path=etc/mime.types preserve=true
391 file path=etc/mnttab group=root mode=0444 preserve=true
392 file path=etc/motd group=sys preserve=true
393 file path=etc/net/ticlts/hosts group=sys
394 file path=etc/net/ticlts/services group=sys preserve=true
395 file path=etc/net/ticots/hosts group=sys
396 file path=etc/net/ticots/services group=sys preserve=true
397 file path=etc/net/ticotsord/hosts group=sys
398 file path=etc/net/ticotsord/services group=sys preserve=true
399 file path=etc/netconfig group=sys preserve=true
400 file path=etc/nscd.conf group=sys preserve=true
401 file path=etc/nsswitch.ad group=sys
402 file path=etc/nsswitch.conf group=sys preserve=true
403 file path=etc/nsswitch.dns group=sys
404 file path=etc/nsswitch.files group=sys
405 file path=etc/nsswitch.ldap group=sys
406 file path=etc/pam.conf group=sys preserve=true
407 file path=etc/passwd group=sys preserve=true
408 file path=etc/profile group=sys preserve=true
409 file path=etc/project group=sys preserve=true
410 file path=etc/rc2.d/README group=sys
411 file path=etc/rc3.d/README group=sys
412 file path=etc/rc5.d/README group=sys
413 file path=etc/remote preserve=true
414 file path=etc/rpc group=sys preserve=true
415 file path=etc/saf/_sactab group=sys preserve=true
416 file path=etc/saf/_sysconfig group=sys preserve=true
417 file path=etc/saf/zsmon/_pmtab group=sys preserve=true
418 file path=etc/security/audit_class group=sys preserve=renamew
419 file path=etc/security/audit_event group=sys preserve=renamew
420 file path=etc/security/audit_warn group=sys mode=0740 preserve=renamew
421 file path=etc/security/auth_attr group=sys preserve=true \
422     timestamp=19700101T000000Z
423 file path=etc/security/auth_attr.d/SUNWcs group=sys
424 file path=etc/security/crypt.conf group=sys preserve=renamew
425 file path=etc/security/dev/audio mode=0400
426 file path=etc/security/dev/fd0 mode=0400
427 file path=etc/security/dev/sr0 mode=0400
428 file path=etc/security/dev/st0 mode=0400
429 file path=etc/security/dev/st1 mode=0400
430 file path=etc/security/exec_attr group=sys preserve=true \
431     timestamp=19700101T000000Z
432 file path=etc/security/exec_attr.d/SUNWcs group=sys
433 file path=etc/security/kmfpolicy.xml
434 file path=etc/security/lib/audio_clean group=sys mode=0555
435 file path=etc/security/lib/fd_clean group=sys mode=0555
436 file path=etc/security/lib/sr_clean group=sys mode=0555
437 file path=etc/security/lib/st_clean group=sys mode=0555
438 file path=etc/security/policy.conf group=sys preserve=true
439 file path=etc/security/priv_names group=sys preserve=renameold
440 file path=etc/security/prof_attr group=sys preserve=true \
441     timestamp=19700101T000000Z
442 file path=etc/security/prof_attr.d/SUNWcs group=sys
443 file path=etc/shadow group=sys mode=0400 preserve=true
444 file path=etc/skel/.profile group=other preserve=true
445 file path=etc/skel/local.cshrc group=sys preserve=true
446 file path=etc/skel/local.login group=sys preserve=true
447 file path=etc/skel/local.profile group=sys preserve=true
448 file path=etc/svc/profile/generic_limited_net.xml group=sys mode=0444
449 file path=etc/svc/profile/generic_open.xml group=sys mode=0444
450 file path=etc/svc/profile/inetd_generic.xml group=sys mode=0444
451 file path=etc/svc/profile/inetd_upgrade.xml group=sys mode=0444
452 file path=etc/svc/profile/ns_dns.xml group=sys mode=0444
453 file path=etc/svc/profile/ns_files.xml group=sys mode=0444
454 file path=etc/svc/profile/ns_ldap.xml group=sys mode=0444
455 file path=etc/svc/profile/ns_nis.xml group=sys mode=0444

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456 file path=etc/svc/profile/ns_none.xml group=sys mode=0444
457 $(sparc_ONLY)file path=etc/svc/profile/platform_SUNW,SPARC-Enterprise.xml \
458     group=sys mode=0444
459 $(sparc_ONLY)file path=etc/svc/profile/platform_SUNW,Sun-Fire-15000.xml \
460     group=sys mode=0444
461 $(sparc_ONLY)file path=etc/svc/profile/platform_SUNW,Sun-Fire-880.xml \
462     group=sys mode=0444
463 $(sparc_ONLY)file path=etc/svc/profile/platform_SUNW,Sun-Fire.xml group=sys \
464     mode=0444
465 $(sparc_ONLY)file \
466     path=etc/svc/profile/platform_SUNW,Ultra-Enterprise-10000.xml group=sys \
467     mode=0444
468 $(sparc_ONLY)file \
469     path=etc/svc/profile/platform_SUNW,UltraSPARC-III-Netrtract.xml group=sys \
470     mode=0444
471 file path=etc/svc/profile/platform_none.xml group=sys mode=0444
472 $(sparc_ONLY)file path=etc/svc/profile/platform_sun4v.xml group=sys mode=0444
473 file path=etc/sysevent/config/README group=sys mode=0444
474 file path=etc/sysevent/config/SUNW,EC_dr,ESC_dr_req,sysevent.conf group=sys
475 file path=etc/syslog.conf group=sys preserve=true
476 file path=etc/ttydefs group=sys preserve=true
477 file path=etc/ttysrch group=sys preserve=true
478 file path=etc/user_attr group=sys preserve=true timestamp=19700101T000000Z
479 file path=etc/user_attr.d/SUNWcs group=sys
480 file path=etc/vfstab group=sys preserve=true
481 file path=lib/inet/in.mpathd mode=0555
482 file path=lib/inet/ipmgmt mode=0555
483 file path=lib/inet/netcfgd mode=0555
484 file path=lib/inet/nwamd mode=0555
485 file path=lib/svc/bin/lsvcrun group=sys mode=0555
486 file path=lib/svc/bin/mfstscan group=sys mode=0555
487 file path=lib/svc/bin/restore_repository group=sys mode=0555
488 file path=lib/svc/bin/sqlite group=sys mode=0555
489 file path=lib/svc/bin/svc.configd group=sys mode=0555
490 file path=lib/svc/bin/svc.ipfd group=sys mode=0555
491 file path=lib/svc/bin/svc.startd group=sys mode=0555
492 file path=lib/svc/manifest/milestone/multi-user-server.xml group=sys mode=0444
493 file path=lib/svc/manifest/milestone/multi-user.xml group=sys mode=0444
494 file path=lib/svc/manifest/milestone/name-services.xml group=sys mode=0444
495 file path=lib/svc/manifest/milestone/network.xml group=sys mode=0444
496 file path=lib/svc/manifest/milestone/single-user.xml group=sys mode=0444
497 file path=lib/svc/manifest/milestone/sysconfig.xml group=sys mode=0444
498 file path=lib/svc/manifest/network/dlmgmt.xml group=sys mode=0444
499 file path=lib/svc/manifest/network/dns/client.xml group=sys mode=0444
500 file path=lib/svc/manifest/network/dns/install.xml group=sys mode=0444
501 file path=lib/svc/manifest/network/forwarding.xml group=sys mode=0444
502 file path=lib/svc/manifest/network/inetd-upgrade.xml group=sys mode=0444
503 file path=lib/svc/manifest/network/inetd.xml group=sys mode=0444
504 file path=lib/svc/manifest/network/ipsec/ike.xml group=sys mode=0444
505 file path=lib/svc/manifest/network/ipsec/ipsecalgs.xml group=sys mode=0444
506 file path=lib/svc/manifest/network/ipsec/manual-key.xml group=sys mode=0444
507 file path=lib/svc/manifest/network/ipsec/policy.xml group=sys mode=0444
508 file path=lib/svc/manifest/network/ldap/client.xml group=sys mode=0444
509 file path=lib/svc/manifest/network/network-initial.xml group=sys mode=0444
510 file path=lib/svc/manifest/network/network-install.xml group=sys mode=0444
511 file path=lib/svc/manifest/network/network-ipmgmt.xml group=sys mode=0444
512 file path=lib/svc/manifest/network/network-ipqos.xml group=sys mode=0444
513 file path=lib/svc/manifest/network/network-iptun.xml group=sys mode=0444
514 file path=lib/svc/manifest/network/network-location.xml group=sys mode=0444
515 file path=lib/svc/manifest/network/network-loopback.xml group=sys mode=0444
516 file path=lib/svc/manifest/network/network-netcfg.xml group=sys mode=0444
517 file path=lib/svc/manifest/network/network-netmask.xml group=sys mode=0444
518 file path=lib/svc/manifest/network/network-physical.xml group=sys mode=0444
519 file path=lib/svc/manifest/network/network-routing-setup.xml group=sys \
520     mode=0444
521 file path=lib/svc/manifest/network/network-service.xml group=sys mode=0444

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522 file path=lib/svc/manifest/network/routing/legacy-routing.xml group=sys \
523     mode=0444
524 file path=lib/svc/manifest/network/rpc/bind.xml group=sys mode=0444
525 file path=lib/svc/manifest/network/rpc/keyserv.xml group=sys mode=0444
526 file path=lib/svc/manifest/network/shares/group.xml group=sys mode=0444
527 file path=lib/svc/manifest/network/shares/reparsed.xml group=sys mode=0444
528 file path=lib/svc/manifest/network/socket-filter-kssl.xml group=sys mode=0444
529 file path=lib/svc/manifest/network/ssl/kssl-proxy.xml group=sys mode=0444
530 file path=lib/svc/manifest/system/auditd.xml group=sys mode=0444
531 file path=lib/svc/manifest/system/auditset.xml group=sys mode=0444
532 file path=lib/svc/manifest/system/boot-archive-update.xml group=sys mode=0444
533 file path=lib/svc/manifest/system/boot-archive.xml group=sys mode=0444
534 file path=lib/svc/manifest/system/boot-config.xml group=sys mode=0444
535 file path=lib/svc/manifest/system/consadm.xml group=sys mode=0444
536 file path=lib/svc/manifest/system/console-login.xml group=sys mode=0444
537 file path=lib/svc/manifest/system/coreadm.xml group=sys mode=0444
538 file path=lib/svc/manifest/system/cron.xml group=sys mode=0444
539 file path=lib/svc/manifest/system/cryptosvc.xml group=sys mode=0444
540 file path=lib/svc/manifest/system/device/allocate.xml group=sys mode=0444
541 file path=lib/svc/manifest/system/device/devices-audio.xml group=sys mode=0444
542 file path=lib/svc/manifest/system/device/devices-local.xml group=sys mode=0444
543 file path=lib/svc/manifest/system/device/mpxio-upgrade.xml group=sys mode=0444
544 file path=lib/svc/manifest/system/early-manifest-import.xml group=sys \
545     mode=0444
546 file path=lib/svc/manifest/system/extended-accounting.xml group=sys mode=0444
547 file path=lib/svc/manifest/system/filesystem/local-fs.xml group=sys mode=0444
548 file path=lib/svc/manifest/system/filesystem/minimal-fs.xml group=sys \
549     mode=0444
550 file path=lib/svc/manifest/system/filesystem/root-fs.xml group=sys mode=0444
551 file path=lib/svc/manifest/system/filesystem/usr-fs.xml group=sys mode=0444
552 $(i386_ONLY)file path=lib/svc/manifest/system/hostid.xml group=sys mode=0444
553 file path=lib/svc/manifest/system/hotplug.xml group=sys mode=0444
554 file path=lib/svc/manifest/system/identity.xml group=sys mode=0444
555 file path=lib/svc/manifest/system/idmap.xml group=sys mode=0444
556 file path=lib/svc/manifest/system/keymap.xml group=sys mode=0444
557 file path=lib/svc/manifest/system/logadm-upgrade.xml group=sys mode=0444
558 file path=lib/svc/manifest/system/manifest-import.xml group=sys mode=0444
559 file path=lib/svc/manifest/system/name-service-cache.xml group=sys mode=0444
560 file path=lib/svc/manifest/system/pfexecd.xml group=sys mode=0444
561 file path=lib/svc/manifest/system/rbac.xml group=sys mode=0444
562 file path=lib/svc/manifest/system/rmtmpfiles.xml group=sys mode=0444
563 file path=lib/svc/manifest/system/sac.xml group=sys mode=0444
564 file path=lib/svc/manifest/system/svc/global.xml group=sys mode=0444
565 file path=lib/svc/manifest/system/svc/restarter.xml group=sys mode=0444
566 file path=lib/svc/manifest/system/system-log.xml group=sys mode=0444
567 file path=lib/svc/manifest/system/utmp.xml group=sys mode=0444
568 file path=lib/svc/manifest/system/vtdaemon.xml group=sys mode=0444
569 file path=lib/svc/method/boot-archive mode=0555
570 file path=lib/svc/method/boot-archive-update mode=0555
571 file path=lib/svc/method/console-login mode=0555
572 file path=lib/svc/method/devices-audio mode=0555
573 file path=lib/svc/method/devices-local mode=0555
574 file path=lib/svc/method/dns-install mode=0555
575 file path=lib/svc/method/fs-local mode=0555
576 file path=lib/svc/method/fs-minimal mode=0555
577 file path=lib/svc/method/fs-root mode=0555
578 file path=lib/svc/method/fs-usr mode=0555
579 file path=lib/svc/method/identity-domain mode=0555
580 file path=lib/svc/method/identity-node mode=0555
581 file path=lib/svc/method/inetd-upgrade mode=0555
582 file path=lib/svc/method/keymap mode=0555
583 file path=lib/svc/method/ldap-client mode=0555
584 file path=lib/svc/method/logadm-upgrade mode=0555
585 file path=lib/svc/method/manifest-import mode=0555
586 file path=lib/svc/method/mpxio-upgrade mode=0555
587 file path=lib/svc/method/net-init mode=0555

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588 file path=lib/svc/method/net-install mode=0555
589 file path=lib/svc/method/net-ipmgmt mode=0555
590 file path=lib/svc/method/net-ipqos mode=0555
591 file path=lib/svc/method/net-iptun mode=0555
592 file path=lib/svc/method/net-loc mode=0555
593 file path=lib/svc/method/net-loopback mode=0555
594 file path=lib/svc/method/net-netmask mode=0555
595 file path=lib/svc/method/net-nwam mode=0555
596 file path=lib/svc/method/net-physical mode=0555
597 file path=lib/svc/method/net-routing-setup mode=0555
598 file path=lib/svc/method/net-svc mode=0555
599 file path=lib/svc/method/rmtmpfiles mode=0555
600 file path=lib/svc/method/rpc-bind mode=0555
601 file path=lib/svc/method/svc-allocate mode=0555
602 file path=lib/svc/method/svc-auditd mode=0555
603 file path=lib/svc/method/svc-auditset mode=0555
604 file path=lib/svc/method/svc-boot-config mode=0555
605 file path=lib/svc/method/svc-consadm mode=0555
606 file path=lib/svc/method/svc-cron mode=0555
607 file path=lib/svc/method/svc-dlmgmt mode=0555
608 file path=lib/svc/method/svc-forwarding mode=0555
609 $(i386_ONLY)file path=lib/svc/method/svc-hostid mode=0555
610 file path=lib/svc/method/svc-hotplug mode=0555
611 file path=lib/svc/method/svc-legacy-routing mode=0555
612 file path=lib/svc/method/svc-nscd mode=0555
613 file path=lib/svc/method/svc-rbac mode=0555
614 file path=lib/svc/method/svc-sockfilter mode=0555
615 file path=lib/svc/method/svc-utmpd mode=0555
616 file path=lib/svc/method/system-log mode=0555
617 file path=lib/svc/method/vtdaemon mode=0555
618 file path=lib/svc/method/yp mode=0555
619 # global.db is not needed in non-global zones, and it's pretty large.
620 file path=lib/svc/seed/global.db group=sys mode=0444 \
621     variant.opensolaris.zone=global
622 # symmetrically, nonglobal.db is not needed in global zones.
623 file path=lib/svc/seed/nonglobal.db group=sys mode=0444 \
624     variant.opensolaris.zone=nonglobal
625 file path=lib/svc/share/README mode=0444
626 file path=lib/svc/share/fs_include.sh mode=0444
627 file path=lib/svc/share/ipf_include.sh mode=0444
628 file path=lib/svc/share/mfsthistory mode=0444
629 file path=lib/svc/share/net_include.sh mode=0444
630 file path=lib/svc/share/routing_include.sh mode=0444
631 file path=lib/svc/share/smf_include.sh mode=0444
632 file path=root/.bashrc group=root preserve=true
633 file path=root/.profile group=root preserve=true
634 file path=sbin/autopush mode=0555
635 $(i386_ONLY)file path=sbin/biosdev mode=0555
636 file path=sbin/bootadm mode=0555
637 file path=sbin/cryptoadm mode=0555
638 file path=sbin/devprop mode=0555
639 file path=sbin/dhccpagent mode=0555
640 file path=sbin/dhccpinfo mode=0555
641 file path=sbin/dlmgmt mode=0555
642 file path=sbin/fdisk mode=0555
643 file path=sbin/fiocompress mode=0555
644 file path=sbin/hostconfig mode=0555
645 file path=sbin/ifconfig mode=0555
646 file path=sbin/ifparse mode=0555
647 file path=sbin/init group=sys mode=0555
648 $(i386_ONLY)file path=sbin/installgrub group=sys mode=0555
649 file path=sbin/ipmpstat mode=0555
650 file path=sbin/mount mode=0555
651 file path=sbin/mountall group=sys mode=0555
652 file path=sbin/netstrategy mode=0555
653 file path=sbin/rc0 group=sys mode=0744

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654 file path=sbin/rc1 group=sys mode=0744
655 file path=sbin/rc2 group=sys mode=0744
656 file path=sbin/rc3 group=sys mode=0744
657 file path=sbin/rcS group=sys mode=0744
658 file path=sbin/route mode=0555
659 file path=sbin/routeadm mode=0555
660 file path=sbin/soconfig mode=0555
661 file path=sbin/su.static group=sys mode=0555
662 file path=sbin/sulogin mode=0555
663 file path=sbin/swapadd group=sys mode=0744
664 file path=sbin/sync mode=0555
665 file path=sbin/tzreload mode=0555
666 file path=sbin/uadmin group=sys mode=0555
667 file path=sbin/umount mode=0555
668 file path=sbin/umountall group=sys mode=0555
669 file path=sbin/uname mode=0555
670 file path=sbin/wusbadm mode=0555
671 file path=sbin/zonename mode=0555
672 $(i386_ONLY)file path=usr/bin/$(ARCH32)/amt mode=0555
673 file path=usr/bin/$(ARCH32)/decrypt mode=0555
674 file path=usr/bin/$(ARCH32)/digest mode=0555
675 file path=usr/bin/$(ARCH32)/ksh93 mode=0555
676 $(i386_ONLY)file path=usr/bin/$(ARCH32)/newtask group=sys mode=4555
677 $(i386_ONLY)file path=usr/bin/$(ARCH32)/nohup mode=0555
678 $(i386_ONLY)file path=usr/bin/$(ARCH32)/prctl mode=0555
679 $(i386_ONLY)file path=usr/bin/$(ARCH32)/prstat mode=0555
680 $(i386_ONLY)file path=usr/bin/$(ARCH32)/ps mode=0555
681 file path=usr/bin/$(ARCH32)/savecore mode=0555
682 $(i386_ONLY)file path=usr/bin/$(ARCH32)/setuname mode=0555
683 $(i386_ONLY)file path=usr/bin/$(ARCH32)/uptime mode=4555
684 file path=usr/bin/$(ARCH64)/amt mode=0555
685 file path=usr/bin/$(ARCH64)/crle mode=0555
686 file path=usr/bin/$(ARCH64)/decrypt mode=0555
687 file path=usr/bin/$(ARCH64)/digest mode=0555
688 file path=usr/bin/$(ARCH64)/ksh93 mode=0555
689 file path=usr/bin/$(ARCH64)/ls mode=0555
690 file path=usr/bin/$(ARCH64)/moe mode=0555
691 file path=usr/bin/$(ARCH64)/newtask group=sys mode=4555
692 file path=usr/bin/$(ARCH64)/nohup mode=0555
693 file path=usr/bin/$(ARCH64)/prctl mode=0555
694 file path=usr/bin/$(ARCH64)/prstat mode=0555
695 file path=usr/bin/$(ARCH64)/ps mode=0555
696 file path=usr/bin/$(ARCH64)/savecore mode=0555
697 file path=usr/bin/$(ARCH64)/setuname mode=0555
698 file path=usr/bin/$(ARCH64)/uptime mode=4555
699 $(i386_ONLY)file path=usr/bin/addbadsec mode=0555
700 file path=usr/bin/alias mode=0555
701 file path=usr/bin/amt mode=0555
702 file path=usr/bin/arch mode=0555
703 file path=usr/bin/at group=sys mode=4755
704 file path=usr/bin/atq group=sys mode=4755
705 file path=usr/bin/atrm group=sys mode=4755
706 file path=usr/bin/auths mode=0555
707 file path=usr/bin/basename mode=0555
708 file path=usr/bin/busstat mode=0555
709 file path=usr/bin/captoinfo mode=0555
710 file path=usr/bin/cat mode=0555
711 file path=usr/bin/chgrp mode=0555
712 file path=usr/bin/chmod mode=0555
713 file path=usr/bin/chown mode=0555
714 file path=usr/bin/ckdate mode=0555
715 file path=usr/bin/ckgid mode=0555
716 file path=usr/bin/ckint mode=0555
717 file path=usr/bin/ckitem mode=0555
718 file path=usr/bin/ckkeywd mode=0555
719 file path=usr/bin/ckpath mode=0555

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720 file path=usr/bin/ckrange mode=0555
721 file path=usr/bin/ckstr mode=0555
722 file path=usr/bin/cktime mode=0555
723 file path=usr/bin/ckuid mode=0555
724 file path=usr/bin/ckyorn mode=0555
725 file path=usr/bin/clear mode=0555
726 file path=usr/bin/coreadm mode=0555
727 file path=usr/bin/cp mode=0555
728 file path=usr/bin/cpio mode=0555
729 file path=usr/bin/crle mode=0555
730 file path=usr/bin/crontab mode=4555
731 file path=usr/bin/crypt mode=0555
732 file path=usr/bin/csh mode=0555
733 file path=usr/bin/ctrunc mode=0555
734 file path=usr/bin/ctstat mode=0555
735 file path=usr/bin/ctwatch mode=0555
736 file path=usr/bin/date mode=0555
737 file path=usr/bin/dd mode=0555
738 file path=usr/bin/devattr mode=0555
739 file path=usr/bin/devfree mode=0555
740 file path=usr/bin/devreserv mode=0555
741 file path=usr/bin/dirname mode=0555
742 $(i386_ONLY)file path=usr/bin/diskscan mode=0555
743 file path=usr/bin/domainname mode=0555
744 file path=usr/bin/du mode=0555
745 file path=usr/bin/dumpcs mode=0555
746 file path=usr/bin/dumpkeys mode=0555
747 file path=usr/bin/echo mode=0555
748 file path=usr/bin/ed mode=0555
749 file path=usr/bin/egrep mode=0555
750 file path=usr/bin/eject mode=0555
751 file path=usr/bin/env mode=0555
752 file path=usr/bin/expr mode=0555
753 file path=usr/bin/false mode=0555
754 file path=usr/bin/fdetach mode=0555
755 file path=usr/bin/fdformat mode=4555
756 file path=usr/bin/fgrep mode=0555
757 file path=usr/bin/file mode=0555
758 file path=usr/bin/find mode=0555
759 file path=usr/bin/fmt mode=0555
760 file path=usr/bin/fmtmsg mode=0555
761 file path=usr/bin/fold mode=0555
762 file path=usr/bin/fsstat mode=0555
763 file path=usr/bin/geniconvtbl mode=0555
764 file path=usr/bin/getconf mode=0555
765 file path=usr/bin/getdev mode=0555
766 file path=usr/bin/getdgrp mode=0555
767 file path=usr/bin/getent mode=0555
768 file path=usr/bin/getfacl mode=0555
769 file path=usr/bin/getopt mode=0555
770 file path=usr/bin/gettext mode=0555
771 file path=usr/bin/getvol mode=0555
772 file path=usr/bin/grep mode=0555
773 file path=usr/bin/groups mode=0555
774 file path=usr/bin/head mode=0555
775 file path=usr/bin/hostid mode=0555
776 file path=usr/bin/hostname mode=0555
777 file path=usr/bin/i286 mode=0555
778 file path=usr/bin/iconv mode=0555
779 file path=usr/bin/id mode=0555
780 file path=usr/bin/infocmp mode=0555
781 file path=usr/bin/iostat mode=0555
782 file path=usr/bin/isainfo mode=0555
783 file path=usr/bin/isalist mode=0555
784 file path=usr/bin/kbd mode=0555
785 file path=usr/bin/keylogin mode=0555

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786 file path=usr/bin/keylogout mode=0555
787 file path=usr/bin/kmfcfg mode=0555
788 file path=usr/bin/kvostat mode=0555
789 file path=usr/bin/line mode=0555
790 file path=usr/bin/listdgrp mode=0555
791 file path=usr/bin/listusers mode=0555
792 file path=usr/bin/loadkeys mode=0555
793 file path=usr/bin/logger mode=0555
794 file path=usr/bin/login mode=4555
795 file path=usr/bin/logins mode=0750
796 file path=usr/bin/ls mode=0555
797 file path=usr/bin/m4 mode=0555
798 file path=usr/bin/mach mode=0555
799 file path=usr/bin/mail group=mail mode=2511
800 file path=usr/bin/mailx group=mail mode=2511
801 file path=usr/bin/makedev mode=0555
802 file path=usr/bin/mesg mode=0555
803 file path=usr/bin/mkdir mode=0555
804 file path=usr/bin/mkpwdict mode=0555
805 file path=usr/bin/mktemp mode=0555
806 file path=usr/bin/moe mode=0555
807 file path=usr/bin/more mode=0555
808 file path=usr/bin/mpstat mode=0555
809 file path=usr/bin/mt mode=0555
810 file path=usr/bin/netstat mode=0555
811 file path=usr/bin/newgrp group=sys mode=4755
812 file path=usr/bin/nice mode=0555
813 file path=usr/bin/optisa mode=0555
814 file path=usr/bin/pagesize mode=0555
815 file path=usr/bin/passwd group=sys mode=6555
816 file path=usr/bin/pathchk mode=0555
817 file path=usr/bin/pax mode=0555
818 file path=usr/bin/pfexec mode=0555
819 file path=usr/bin/pg mode=0555
820 file path=usr/bin/pgrep mode=0555
821 file path=usr/bin/pktool mode=0555
822 file path=usr/bin/pr mode=0555
823 file path=usr/bin/printf mode=0555
824 file path=usr/bin/priocntl mode=0555
825 file path=usr/bin/profiles mode=0555
826 file path=usr/bin/projects mode=0555
827 file path=usr/bin/putdev mode=0555
828 file path=usr/bin/putdgrp mode=0555
829 file path=usr/bin/pwd mode=0555
830 file path=usr/bin/renice mode=0555
831 file path=usr/bin/rm mode=0555
832 file path=usr/bin/rmdir mode=0555
833 file path=usr/bin/roles mode=0555
834 file path=usr/bin/rpcinfo mode=0555
835 file path=usr/bin/runat mode=0555
836 file path=usr/bin/script mode=0555
837 file path=usr/bin/sed mode=0555
838 file path=usr/bin/setfacl mode=0555
839 file path=usr/bin/setpgrp group=sys mode=0555
840 file path=usr/bin/settime mode=0555
841 file path=usr/bin/shcomp mode=0555
842 file path=usr/bin/strchg group=root mode=0555
843 file path=usr/bin/strconf group=root mode=0555
844 file path=usr/bin/stty mode=0555
845 file path=usr/bin/su group=sys mode=4555
846 file path=usr/bin/svccprop mode=0555
847 file path=usr/bin/svcs mode=0555
848 file path=usr/bin/tabs mode=0555
849 file path=usr/bin/tail mode=0555
850 file path=usr/bin/tic mode=0555
851 file path=usr/bin/time mode=0555

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852 file path=usr/bin/tip mode=4511 owner=uucp
853 file path=usr/bin/tpmadm mode=0555
854 file path=usr/bin/tput mode=0555
855 file path=usr/bin/tr mode=0555
856 file path=usr/bin/true mode=0555
857 file path=usr/bin/tty mode=0555
858 file path=usr/bin/tzselect mode=0555
859 file path=usr/bin/userattr mode=0555
860 file path=usr/bin/vmstat mode=0555
861 file path=usr/bin/which mode=0555
862 file path=usr/bin/who mode=0555
863 file path=usr/bin/wracct mode=0555
864 file path=usr/bin/write group=tty mode=2555
865 file path=usr/bin/xargs mode=0555
866 file path=usr/bin/xstr mode=0555
867 file path=usr/has/bin/edit mode=0555
868 file path=usr/has/bin/sh mode=0555
869 file path=usr/has/man/man1has/edit.lhas
870 file path=usr/has/man/man1has/ex.lhas
871 file path=usr/has/man/man1has/sh.lhas
872 file path=usr/has/man/man1has/vi.lhas
873 file path=usr/kernel/drv/$(ARCH64)/dump group=sys
874 file path=usr/kernel/drv/$(ARCH64)/fssnap group=sys
875 file path=usr/kernel/drv/$(ARCH64)/kstat group=sys
876 file path=usr/kernel/drv/$(ARCH64)/ksyms group=sys
877 file path=usr/kernel/drv/$(ARCH64)/logindmux group=sys
878 file path=usr/kernel/drv/$(ARCH64)/ptm group=sys
879 file path=usr/kernel/drv/$(ARCH64)/pts group=sys
880 $(i386_ONLY)file path=usr/kernel/drv/dump group=sys
881 file path=usr/kernel/drv/dump.conf group=sys
882 $(i386_ONLY)file path=usr/kernel/drv/fssnap group=sys
883 file path=usr/kernel/drv/fssnap.conf group=sys
884 $(i386_ONLY)file path=usr/kernel/drv/kstat group=sys
885 file path=usr/kernel/drv/kstat.conf group=sys
886 $(i386_ONLY)file path=usr/kernel/drv/ksyms group=sys
887 file path=usr/kernel/drv/ksyms.conf group=sys
888 $(i386_ONLY)file path=usr/kernel/drv/logindmux group=sys
889 file path=usr/kernel/drv/logindmux.conf group=sys
890 $(i386_ONLY)file path=usr/kernel/drv/ptm group=sys
891 file path=usr/kernel/drv/ptm.conf group=sys
892 $(i386_ONLY)file path=usr/kernel/drv/pts group=sys
893 file path=usr/kernel/drv/pts.conf group=sys
894 file path=usr/kernel/exec/$(ARCH64)/javaexec group=sys mode=0755
895 file path=usr/kernel/exec/$(ARCH64)/shbinexec group=sys mode=0755
896 $(i386_ONLY)file path=usr/kernel/exec/javaexec group=sys mode=0755
897 $(i386_ONLY)file path=usr/kernel/exec/shbinexec group=sys mode=0755
898 file path=usr/kernel/fs/$(ARCH64)/fdfs group=sys mode=0755
899 file path=usr/kernel/fs/$(ARCH64)/pcfs group=sys mode=0755
900 $(i386_ONLY)file path=usr/kernel/fs/fdfs group=sys mode=0755
901 $(i386_ONLY)file path=usr/kernel/fs/pcfs group=sys mode=0755
902 file path=usr/kernel/sched/$(ARCH64)/FX group=sys mode=0755
903 file path=usr/kernel/sched/$(ARCH64)/FX_DPTBL group=sys mode=0755
904 file path=usr/kernel/sched/$(ARCH64)/IA group=sys mode=0755
905 file path=usr/kernel/sched/$(ARCH64)/RT group=sys mode=0755
906 file path=usr/kernel/sched/$(ARCH64)/RT_DPTBL group=sys mode=0755
907 $(i386_ONLY)file path=usr/kernel/sched/FX group=sys mode=0755
908 $(i386_ONLY)file path=usr/kernel/sched/FX_DPTBL group=sys mode=0755
909 $(i386_ONLY)file path=usr/kernel/sched/IA group=sys mode=0755
910 $(i386_ONLY)file path=usr/kernel/sched/RT group=sys mode=0755
911 $(i386_ONLY)file path=usr/kernel/sched/RT_DPTBL group=sys mode=0755
912 file path=usr/kernel/strmod/$(ARCH64)/cryptmod group=sys mode=0755
913 file path=usr/kernel/strmod/$(ARCH64)/rlmod group=sys mode=0755
914 file path=usr/kernel/strmod/$(ARCH64)/telmod group=sys mode=0755
915 $(i386_ONLY)file path=usr/kernel/strmod/cryptmod group=sys mode=0755
916 $(i386_ONLY)file path=usr/kernel/strmod/rlmod group=sys mode=0755
917 $(i386_ONLY)file path=usr/kernel/strmod/telmod group=sys mode=0755

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918 file path=usr/kernel/sys/$(ARCH64)/acctctl group=sys mode=0755
919 file path=usr/kernel/sys/$(ARCH64)/exacctsys group=sys mode=0755
920 file path=usr/kernel/sys/$(ARCH64)/sysacct group=sys mode=0755
921 $(i386_ONLY)file path=usr/kernel/sys/acctctl group=sys mode=0755
922 $(i386_ONLY)file path=usr/kernel/sys/exacctsys group=sys mode=0755
923 $(i386_ONLY)file path=usr/kernel/sys/sysacct group=sys mode=0755
924 file path=usr/kvm/README group=sys
925 file path=usr/lib/$(ARCH64)/libshare.so.1
926 file path=usr/lib/audit/audit_record_attr mode=0444
927 file path=usr/lib/calprog mode=0555
928 file path=usr/lib/class/FX/FXdispadmin mode=0555
929 file path=usr/lib/class/FX/FXprioctl mode=0555
930 file path=usr/lib/class/IA/IADispadmin mode=0555
931 file path=usr/lib/class/IA/IAprioctl mode=0555
932 file path=usr/lib/class/RT/RTdispadmin mode=0555
933 file path=usr/lib/class/RT/RTprioctl mode=0555
934 file path=usr/lib/class/SDC/SDCdispadmin mode=0555
935 file path=usr/lib/class/SDC/SDCprioctl mode=0555
936 file path=usr/lib/class/TS/TSdispadmin mode=0555
937 file path=usr/lib/class/TS/TSprioctl mode=0555
938 file path=usr/lib/devfsadm/linkmod/SUNW_audio_link.so group=sys
939 file path=usr/lib/devfsadm/linkmod/SUNW_cfg_link.so group=sys
940 file path=usr/lib/devfsadm/linkmod/SUNW_disk_link.so group=sys
941 file path=usr/lib/devfsadm/linkmod/SUNW_fssnap_link.so group=sys
942 file path=usr/lib/devfsadm/linkmod/SUNW_ieeel394_link.so group=sys
943 file path=usr/lib/devfsadm/linkmod/SUNW_lofi_link.so group=sys
944 file path=usr/lib/devfsadm/linkmod/SUNW_md_link.so group=sys
945 file path=usr/lib/devfsadm/linkmod/SUNW_misc_link.so group=sys
946 file path=usr/lib/devfsadm/linkmod/SUNW_misc_link_$(ARCH).so group=sys
947 file path=usr/lib/devfsadm/linkmod/SUNW_port_link.so group=sys
948 file path=usr/lib/devfsadm/linkmod/SUNW_ramdisk_link.so group=sys
949 file path=usr/lib/devfsadm/linkmod/SUNW_sgen_link.so group=sys
950 file path=usr/lib/devfsadm/linkmod/SUNW_smp_link.so group=sys
951 file path=usr/lib/devfsadm/linkmod/SUNW_tape_link.so group=sys
952 file path=usr/lib/devfsadm/linkmod/SUNW_usb_link.so group=sys
953 $(i386_ONLY)file path=usr/lib/devfsadm/linkmod/SUNW_xen_link.so group=sys
954 file path=usr/lib/diffh mode=0555
955 file path=usr/lib/expreserve mode=0555
956 file path=usr/lib/exrecovery mode=0555
957 file path=usr/lib/fs/cachefs/cachefsd mode=0555
958 file path=usr/lib/fs/cachefs/cachefslog mode=0555
959 file path=usr/lib/fs/cachefs/cachefspack mode=0555
960 file path=usr/lib/fs/cachefs/cachefsstat mode=0555
961 file path=usr/lib/fs/cachefs/cachefswssize mode=0555
962 file path=usr/lib/fs/cachefs/cfsadmin mode=0555
963 file path=usr/lib/fs/cachefs/cfsfstype mode=0555
964 file path=usr/lib/fs/cachefs/cfstagchk mode=0555
965 file path=usr/lib/fs/cachefs/dfshares mode=0555
966 file path=usr/lib/fs/cachefs/fsck mode=0555
967 file path=usr/lib/fs/cachefs/mount mode=0555
968 file path=usr/lib/fs/cachefs/share mode=0555
969 file path=usr/lib/fs/cachefs/umount mode=0555
970 file path=usr/lib/fs/cachefs/unshare mode=0555
971 file path=usr/lib/fs/ctfs/mount mode=0555
972 file path=usr/lib/fs/fd/mount mode=0555
973 file path=usr/lib/fs/hsfs/fstyp.so.1 mode=0555
974 file path=usr/lib/fs/hsfs/labelit mode=0555
975 file path=usr/lib/fs/lofs/mount mode=0555
976 file path=usr/lib/fs/mntfs/mount mode=0555
977 file path=usr/lib/fs/objfs/mount mode=0555
978 file path=usr/lib/fs/proc/mount mode=0555
979 file path=usr/lib/fs/sharefs/mount mode=0555
980 file path=usr/lib/fs/tmpfs/mount mode=0555
981 file path=usr/lib/fs/ufs/clri mode=0555
982 file path=usr/lib/fs/ufs/df mode=0555
983 file path=usr/lib/fs/ufs/edquota mode=0555

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984 file path=usr/lib/fs/ufs/ff mode=0555
985 file path=usr/lib/fs/ufs/fsck mode=0555
986 file path=usr/lib/fs/ufs/fsckall mode=0555
987 file path=usr/lib/fs/ufs/fsdb mode=0555
988 file path=usr/lib/fs/ufs/fsirand mode=0555
989 file path=usr/lib/fs/ufs/fssnap mode=0555
990 file path=usr/lib/fs/ufs/fstyp.so.1 mode=0555
991 file path=usr/lib/fs/ufs/labelit mode=0555
992 file path=usr/lib/fs/ufs/lockfs mode=0555
993 file path=usr/lib/fs/ufs/mkfs mode=0555
994 file path=usr/lib/fs/ufs/ncheck mode=0555
995 file path=usr/lib/fs/ufs/newfs mode=0555
996 file path=usr/lib/fs/ufs/quot mode=0555
997 file path=usr/lib/fs/ufs/quot mode=4555
998 file path=usr/lib/fs/ufs/quotacheck mode=0555
999 file path=usr/lib/fs/ufs/quotaooff mode=0555
1000 file path=usr/lib/fs/ufs/repquota mode=0555
1001 file path=usr/lib/fs/ufs/tunefs mode=0555
1002 file path=usr/lib/fs/ufs/ufsdump mode=4555
1003 file path=usr/lib/fs/ufs/ufsrestore mode=4555
1004 file path=usr/lib/fs/ufs/volcopy mode=0555
1005 file path=usr/lib/getoptcvt mode=0555
1006 file path=usr/lib/help/auths/locale/C/AllSolAuthsHeader.html
1007 file path=usr/lib/help/auths/locale/C/AuditHeader.html
1008 file path=usr/lib/help/auths/locale/C/AuthJobsAdmin.html
1009 file path=usr/lib/help/auths/locale/C/AuthJobsUser.html
1010 file path=usr/lib/help/auths/locale/C/AuthProfmgrAssign.html
1011 file path=usr/lib/help/auths/locale/C/AuthProfmgrDelegate.html
1012 file path=usr/lib/help/auths/locale/C/AuthProfmgrExecattrWrite.html
1013 file path=usr/lib/help/auths/locale/C/AuthProfmgrRead.html
1014 file path=usr/lib/help/auths/locale/C/AuthProfmgrWrite.html
1015 file path=usr/lib/help/auths/locale/C/AuthReadNDMP.html
1016 file path=usr/lib/help/auths/locale/C/AuthReadSMB.html
1017 file path=usr/lib/help/auths/locale/C/AuthRoleAssign.html
1018 file path=usr/lib/help/auths/locale/C/AuthRoleDelegate.html
1019 file path=usr/lib/help/auths/locale/C/AuthRoleDelete.html
1020 file path=usr/lib/help/auths/locale/C/BindStates.html
1021 file path=usr/lib/help/auths/locale/C/DevAllocHeader.html
1022 file path=usr/lib/help/auths/locale/C/DevAllocate.html
1023 file path=usr/lib/help/auths/locale/C/DevConfig.html
1024 file path=usr/lib/help/auths/locale/C/DevGrant.html
1025 file path=usr/lib/help/auths/locale/C/DevRevoke.html
1026 file path=usr/lib/help/auths/locale/C/DhccpMgrHeader.html
1027 file path=usr/lib/help/auths/locale/C/DhccpMgrWrite.html
1028 file path=usr/lib/help/auths/locale/C/HotplugHeader.html
1029 file path=usr/lib/help/auths/locale/C/HotplugModify.html
1030 file path=usr/lib/help/auths/locale/C/IdmapRules.html
1031 file path=usr/lib/help/auths/locale/C/JobHeader.html
1032 file path=usr/lib/help/auths/locale/C/JobGrant.html
1033 file path=usr/lib/help/auths/locale/C/LinkSecurity.html
1034 file path=usr/lib/help/auths/locale/C/LoginEnable.html
1035 file path=usr/lib/help/auths/locale/C/LoginHeader.html
1036 file path=usr/lib/help/auths/locale/C/LoginRemote.html
1037 file path=usr/lib/help/auths/locale/C/NetworkAutoconfRead.html
1038 file path=usr/lib/help/auths/locale/C/NetworkAutoconfSelect.html
1039 file path=usr/lib/help/auths/locale/C/NetworkAutoconfWlan.html
1040 file path=usr/lib/help/auths/locale/C/NetworkAutoconfWrite.html
1041 file path=usr/lib/help/auths/locale/C/NetworkHeader.html
1042 file path=usr/lib/help/auths/locale/C/NetworkILBconf.html
1043 file path=usr/lib/help/auths/locale/C/NetworkILBenable.html
1044 file path=usr/lib/help/auths/locale/C/NetworkInterfaceConfig.html
1045 file path=usr/lib/help/auths/locale/C/NetworkVRRP.html
1046 file path=usr/lib/help/auths/locale/C/PriAdmin.html
1047 file path=usr/lib/help/auths/locale/C/ProfmgrHeader.html
1048 file path=usr/lib/help/auths/locale/C/RoleHeader.html
1049 file path=usr/lib/help/auths/locale/C/SmfAllocate.html

```


1050 file path=usr/lib/help/auths/locale/C/SmfAutofsStates.html
 1051 file path=usr/lib/help/auths/locale/C/SmfCoreadmStates.html
 1052 file path=usr/lib/help/auths/locale/C/SmfCronStates.html
 1053 file path=usr/lib/help/auths/locale/C/SmfExAcctFlowStates.html
 1054 file path=usr/lib/help/auths/locale/C/SmfExAcctNetStates.html
 1055 file path=usr/lib/help/auths/locale/C/SmfExAcctProcessStates.html
 1056 file path=usr/lib/help/auths/locale/C/SmfExAcctTaskStates.html
 1057 file path=usr/lib/help/auths/locale/C/SmfHeader.html
 1058 file path=usr/lib/help/auths/locale/C/SmfILBStates.html
 1059 file path=usr/lib/help/auths/locale/C/SmfIPsecStates.html
 1060 file path=usr/lib/help/auths/locale/C/SmfIdmapStates.html
 1061 file path=usr/lib/help/auths/locale/C/SmfInetdStates.html
 1062 file path=usr/lib/help/auths/locale/C/SmfLocationStates.html
 1063 file path=usr/lib/help/auths/locale/C/SmfMDNSStates.html
 1064 file path=usr/lib/help/auths/locale/C/SmfManageAudit.html
 1065 file path=usr/lib/help/auths/locale/C/SmfManageHeader.html
 1066 file path=usr/lib/help/auths/locale/C/SmfManageHotplug.html
 1067 file path=usr/lib/help/auths/locale/C/SmfManageZFSSnap.html
 1068 file path=usr/lib/help/auths/locale/C/SmfModifyAppl.html
 1069 file path=usr/lib/help/auths/locale/C/SmfModifyDepend.html
 1070 file path=usr/lib/help/auths/locale/C/SmfModifyFramework.html
 1071 file path=usr/lib/help/auths/locale/C/SmfModifyHeader.html
 1072 file path=usr/lib/help/auths/locale/C/SmfModifyMethod.html
 1073 file path=usr/lib/help/auths/locale/C/SmfNADDStates.html
 1074 file path=usr/lib/help/auths/locale/C/SmfNDMPStates.html
 1075 file path=usr/lib/help/auths/locale/C/SmfNWAMStates.html
 1076 file path=usr/lib/help/auths/locale/C/SmfNscdStates.html
 1077 file path=usr/lib/help/auths/locale/C/SmfPowerStates.html
 1078 file path=usr/lib/help/auths/locale/C/SmfReparseStates.html
 1079 file path=usr/lib/help/auths/locale/C/SmfRoutingStates.html
 1080 file path=usr/lib/help/auths/locale/C/SmfSMBFSStates.html
 1081 file path=usr/lib/help/auths/locale/C/SmfSMBStates.html
 1082 file path=usr/lib/help/auths/locale/C/SmfSendmailStates.html
 1083 file path=usr/lib/help/auths/locale/C/SmfSshStates.html
 1084 file path=usr/lib/help/auths/locale/C/SmfSyslogStates.html
 1085 file path=usr/lib/help/auths/locale/C/SmfVRRPStates.html
 1086 file path=usr/lib/help/auths/locale/C/SmfValueAudit.html
 1087 file path=usr/lib/help/auths/locale/C/SmfValueCoreadm.html
 1088 file path=usr/lib/help/auths/locale/C/SmfValueExAcctFlow.html
 1089 file path=usr/lib/help/auths/locale/C/SmfValueExAcctNet.html
 1090 file path=usr/lib/help/auths/locale/C/SmfValueExAcctProcess.html
 1091 file path=usr/lib/help/auths/locale/C/SmfValueExAcctTask.html
 1092 file path=usr/lib/help/auths/locale/C/SmfValueFirewall.html
 1093 file path=usr/lib/help/auths/locale/C/SmfValueHeader.html
 1094 file path=usr/lib/help/auths/locale/C/SmfValueIPsec.html
 1095 file path=usr/lib/help/auths/locale/C/SmfValueIdmap.html
 1096 file path=usr/lib/help/auths/locale/C/SmfValueInetd.html
 1097 file path=usr/lib/help/auths/locale/C/SmfValueMDNS.html
 1098 file path=usr/lib/help/auths/locale/C/SmfValueNADD.html
 1099 file path=usr/lib/help/auths/locale/C/SmfValueNDMP.html
 1100 file path=usr/lib/help/auths/locale/C/SmfValueNWAM.html
 1101 file path=usr/lib/help/auths/locale/C/SmfValueRouting.html
 1102 file path=usr/lib/help/auths/locale/C/SmfValueSMB.html
 1103 file path=usr/lib/help/auths/locale/C/SmfValueVscan.html
 1104 file path=usr/lib/help/auths/locale/C/SmfValueVt.html
 1105 file path=usr/lib/help/auths/locale/C/SmfVscanStates.html
 1106 file path=usr/lib/help/auths/locale/C/SmfVtStates.html
 1107 file path=usr/lib/help/auths/locale/C/SmfWpaStates.html
 1108 file path=usr/lib/help/auths/locale/C/SysCpuPowerMgmt.html
 1109 file path=usr/lib/help/auths/locale/C/SysDate.html
 1110 file path=usr/lib/help/auths/locale/C/SysHeader.html
 1111 file path=usr/lib/help/auths/locale/C/SysMaintenance.html
 1112 file path=usr/lib/help/auths/locale/C/SysPowerMgmtBrightness.html
 1113 file path=usr/lib/help/auths/locale/C/SysPowerMgmtHeader.html
 1114 file path=usr/lib/help/auths/locale/C/SysPowerMgmtSuspend.html
 1115 file path=usr/lib/help/auths/locale/C/SysPowerMgmtSuspendtoDisk.html

1116 file path=usr/lib/help/auths/locale/C/SysPowerMgmtSuspendtoRAM.html
 1117 file path=usr/lib/help/auths/locale/C/SysShutdown.html
 1118 file path=usr/lib/help/auths/locale/C/SysSyseventRead.html
 1119 file path=usr/lib/help/auths/locale/C/SysSyseventWrite.html
 1120 file path=usr/lib/help/auths/locale/C/WifiConfig.html
 1121 file path=usr/lib/help/auths/locale/C/WifiWep.html
 1122 file path=usr/lib/help/auths/locale/C/ZoneCloneFrom.html
 1123 file path=usr/lib/help/auths/locale/C/ZoneHeader.html
 1124 file path=usr/lib/help/auths/locale/C/ZoneLogin.html
 1125 file path=usr/lib/help/auths/locale/C/ZoneManage.html
 1126 file path=usr/lib/help/profiles/locale/C/RtAcctadm.html
 1127 file path=usr/lib/help/profiles/locale/C/RtAll.html
 1128 file path=usr/lib/help/profiles/locale/C/RtAuditCfg.html
 1129 file path=usr/lib/help/profiles/locale/C/RtAuditCtrl.html
 1130 file path=usr/lib/help/profiles/locale/C/RtAuditReview.html
 1131 file path=usr/lib/help/profiles/locale/C/RtCPUPowerManagement.html
 1132 file path=usr/lib/help/profiles/locale/C/RtConsUser.html
 1133 file path=usr/lib/help/profiles/locale/C/RtContractObserver.html
 1134 file path=usr/lib/help/profiles/locale/C/RtCronMngmnt.html
 1135 file path=usr/lib/help/profiles/locale/C/RtCryptoMngmnt.html
 1136 file path=usr/lib/help/profiles/locale/C/RtDHCPMngmnt.html
 1137 file path=usr/lib/help/profiles/locale/C/RtDatAdmin.html
 1138 file path=usr/lib/help/profiles/locale/C/RtDefault.html
 1139 file path=usr/lib/help/profiles/locale/C/RtDeviceMngmnt.html
 1140 file path=usr/lib/help/profiles/locale/C/RtDeviceSecurity.html
 1141 file path=usr/lib/help/profiles/locale/C/RtExAcctFlow.html
 1142 file path=usr/lib/help/profiles/locale/C/RtExAcctNet.html
 1143 file path=usr/lib/help/profiles/locale/C/RtExAcctProcess.html
 1144 file path=usr/lib/help/profiles/locale/C/RtExAcctTask.html
 1145 file path=usr/lib/help/profiles/locale/C/RtFTPMngmnt.html
 1146 file path=usr/lib/help/profiles/locale/C/RtFileSysMngmnt.html
 1147 file path=usr/lib/help/profiles/locale/C/RtFileSysSecurity.html
 1148 file path=usr/lib/help/profiles/locale/C/RtHotplugMngmnt.html
 1149 file path=usr/lib/help/profiles/locale/C/RtIPFilterMngmnt.html
 1150 file path=usr/lib/help/profiles/locale/C/RtIdmapMngmnt.html
 1151 file path=usr/lib/help/profiles/locale/C/RtIdmapNameRulesMngmnt.html
 1152 file path=usr/lib/help/profiles/locale/C/RtInetdMngmnt.html
 1153 file path=usr/lib/help/profiles/locale/C/RtKerberosClntMngmnt.html
 1154 file path=usr/lib/help/profiles/locale/C/RtKerberosSrvrMngmnt.html
 1155 file path=usr/lib/help/profiles/locale/C/RtLogMngmnt.html
 1156 file path=usr/lib/help/profiles/locale/C/RtMailMngmnt.html
 1157 file path=usr/lib/help/profiles/locale/C/RtMaintAndRepair.html
 1158 file path=usr/lib/help/profiles/locale/C/RtMediaBkup.html
 1159 file path=usr/lib/help/profiles/locale/C/RtMediaCtlg.html
 1160 file path=usr/lib/help/profiles/locale/C/RtMediaRestore.html
 1161 file path=usr/lib/help/profiles/locale/C/RtNDMPMngmnt.html
 1162 file path=usr/lib/help/profiles/locale/C/RtNameServiceAdmin.html
 1163 file path=usr/lib/help/profiles/locale/C/RtNameServiceSecure.html
 1164 file path=usr/lib/help/profiles/locale/C/RtNetAutoconfAdmin.html
 1165 file path=usr/lib/help/profiles/locale/C/RtNetAutoconfUser.html
 1166 file path=usr/lib/help/profiles/locale/C/RtNetILB.html
 1167 file path=usr/lib/help/profiles/locale/C/RtNetIPsec.html
 1168 file path=usr/lib/help/profiles/locale/C/RtNetLinkSecure.html
 1169 file path=usr/lib/help/profiles/locale/C/RtNetMngmnt.html
 1170 file path=usr/lib/help/profiles/locale/C/RtNetObservability.html
 1171 file path=usr/lib/help/profiles/locale/C/RtNetSecure.html
 1172 file path=usr/lib/help/profiles/locale/C/RtNetVRRP.html
 1173 file path=usr/lib/help/profiles/locale/C/RtNetWifiMngmnt.html
 1174 file path=usr/lib/help/profiles/locale/C/RtNetWifiSecure.html
 1175 file path=usr/lib/help/profiles/locale/C/RtObAccessMngmnt.html
 1176 file path=usr/lib/help/profiles/locale/C/RtOperator.html
 1177 file path=usr/lib/help/profiles/locale/C/RtPriAdmin.html
 1178 file path=usr/lib/help/profiles/locale/C/RtPrntAdmin.html
 1179 file path=usr/lib/help/profiles/locale/C/RtProcManagement.html
 1180 file path=usr/lib/help/profiles/locale/C/RtReparseMngmnt.html
 1181 file path=usr/lib/help/profiles/locale/C/RtReservedProfile.html

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1182 file path=usr/lib/help/profiles/locale/C/RtRightsDelegate.html
1183 file path=usr/lib/help/profiles/locale/C/RtSMBFSMngmnt.html
1184 file path=usr/lib/help/profiles/locale/C/RtSMBMngmnt.html
1185 file path=usr/lib/help/profiles/locale/C/RtSoftwareInstall.html
1186 file path=usr/lib/help/profiles/locale/C/RtSysAdmin.html
1187 file path=usr/lib/help/profiles/locale/C/RtSysEvMngmnt.html
1188 file path=usr/lib/help/profiles/locale/C/RtSysPowerMgmt.html
1189 file path=usr/lib/help/profiles/locale/C/RtSysPowerMgmtBrightness.html
1190 file path=usr/lib/help/profiles/locale/C/RtSysPowerMgmtSuspend.html
1191 file path=usr/lib/help/profiles/locale/C/RtSysPowerMgmtSuspendtoDisk.html
1192 file path=usr/lib/help/profiles/locale/C/RtSysPowerMgmtSuspendtoRAM.html
1193 file path=usr/lib/help/profiles/locale/C/RtUserMngmnt.html
1194 file path=usr/lib/help/profiles/locale/C/RtUserSecurity.html
1195 file path=usr/lib/help/profiles/locale/C/RtVscanMngmnt.html
1196 file path=usr/lib/help/profiles/locale/C/RtZFSFileSysMngmnt.html
1197 file path=usr/lib/help/profiles/locale/C/RtZFSStorageMngmnt.html
1198 file path=usr/lib/help/profiles/locale/C/RtZoneMngmnt.html
1199 file path=usr/lib/help/profiles/locale/C/RtZoneSecurity.html
1200 file path=usr/lib/help/hotplugd mode=0555
1201 file path=usr/lib/iconv/646da.8859.t mode=0444
1202 file path=usr/lib/iconv/646de.8859.t mode=0444
1203 file path=usr/lib/iconv/646en.8859.t mode=0444
1204 file path=usr/lib/iconv/646es.8859.t mode=0444
1205 file path=usr/lib/iconv/646fr.8859.t mode=0444
1206 file path=usr/lib/iconv/646it.8859.t mode=0444
1207 file path=usr/lib/iconv/646sv.8859.t mode=0444
1208 file path=usr/lib/iconv/8859.646.t mode=0444
1209 file path=usr/lib/iconv/8859.646da.t mode=0444
1210 file path=usr/lib/iconv/8859.646de.t mode=0444
1211 file path=usr/lib/iconv/8859.646en.t mode=0444
1212 file path=usr/lib/iconv/8859.646es.t mode=0444
1213 file path=usr/lib/iconv/8859.646fr.t mode=0444
1214 file path=usr/lib/iconv/8859.646it.t mode=0444
1215 file path=usr/lib/iconv/8859.646sv.t mode=0444
1216 file path=usr/lib/iconv/iconv_data mode=0444
1217 file path=usr/lib/idmapd mode=0555
1218 file path=usr/lib/inet/$(ARCH32)/in.iked mode=0555
1219 file path=usr/lib/inet/$(ARCH64)/in.iked mode=0555
1220 file path=usr/lib/inet/certdb mode=0555
1221 file path=usr/lib/inet/certlocal mode=0555
1222 file path=usr/lib/inet/certrldb mode=0555
1223 file path=usr/lib/inet/inetd mode=0555
1224 file path=usr/lib/intrd mode=0555
1225 file path=usr/lib/isaexec mode=0555
1226 file path=usr/lib/kssladm mode=0555
1227 $(sparc_ONLY)file path=usr/lib/ld.so
1228 file path=usr/lib/libshare.so.1
1229 file path=usr/lib/makekey mode=0555
1230 file path=usr/lib/more.help
1231 file path=usr/lib/newsyslog group=sys mode=0555
1232 file path=usr/lib/passmgmt group=sys mode=0555
1233 file path=usr/lib/pci/pcidr mode=0555
1234 file path=usr/lib/pci/pcidr_plugin.so
1235 file path=usr/lib/pfexecd mode=0555
1236 file path=usr/lib/platexec mode=0555
1237 file path=usr/lib/rcm/modules/SUNW_aggr_rcm.so mode=0555
1238 file path=usr/lib/rcm/modules/SUNW_cluster_rcm.so mode=0555
1239 file path=usr/lib/rcm/modules/SUNW_dump_rcm.so mode=0555
1240 file path=usr/lib/rcm/modules/SUNW_filesys_rcm.so mode=0555
1241 file path=usr/lib/rcm/modules/SUNW_ibpart_rcm.so mode=0555
1242 file path=usr/lib/rcm/modules/SUNW_ip_anon_rcm.so mode=0555
1243 file path=usr/lib/rcm/modules/SUNW_ip_rcm.so mode=0555
1244 file path=usr/lib/rcm/modules/SUNW_mpxio_rcm.so mode=0555
1245 file path=usr/lib/rcm/modules/SUNW_network_rcm.so mode=0555
1246 file path=usr/lib/rcm/modules/SUNW_swap_rcm.so mode=0555
1247 $(sparc_ONLY)file path=usr/lib/rcm/modules/SUNW_ttymux_rcm.so mode=0555

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1248 file path=usr/lib/rcm/modules/SUNW_vlan_rcm.so mode=0555
1249 file path=usr/lib/rcm/modules/SUNW_vnic_rcm.so mode=0555
1250 file path=usr/lib/rcm/rcm_daemon mode=0555
1251 file path=usr/lib/reparse/reparsed_group=sys mode=0555
1252 file path=usr/lib/saf/listen group=sys mode=0755
1253 file path=usr/lib/saf/nlps_server group=sys mode=0755
1254 file path=usr/lib/saf/sac group=sys mode=0555
1255 file path=usr/lib/saf/ttymon group=sys mode=0555
1256 file path=usr/lib/sysevent/modules/datalink_mod.so
1257 file path=usr/lib/sysevent/modules/devfsadmd_mod.so
1258 file path=usr/lib/sysevent/modules/sysevent_conf_mod.so
1259 file path=usr/lib/sysevent/modules/sysevent_reg_mod.so
1260 file path=usr/lib/sysevent/syseventconfd mode=0555
1261 file path=usr/lib/sysevent/syseventd mode=0555
1262 file path=usr/lib/utmp_update mode=4555
1263 file path=usr/lib/utmpd mode=0555
1264 file path=usr/lib/vtdaemon mode=0555
1265 file path=usr/lib/vtinfo mode=0555
1266 file path=usr/lib/vtxlock mode=0555
1267 file path=usr/sadm/bin/puttext mode=0555
1268 file path=usr/sadm/install/miniroot.db group=sys mode=0444
1269 file path=usr/sadm/install/scripts/i.ipsecalgs group=sys mode=0555
1270 file path=usr/sadm/install/scripts/i.kcfcconf group=sys mode=0555
1271 file path=usr/sadm/install/scripts/i.kmfcconf group=sys mode=0555
1272 file path=usr/sadm/install/scripts/i.manifest group=sys mode=0555
1273 file path=usr/sadm/install/scripts/i.pkcs11conf group=sys mode=0555
1274 file path=usr/sadm/install/scripts/i.rbac group=sys mode=0555
1275 file path=usr/sadm/install/scripts/r.ipsecalgs group=sys mode=0555
1276 file path=usr/sadm/install/scripts/r.kcfcconf group=sys mode=0555
1277 file path=usr/sadm/install/scripts/r.kmfcconf group=sys mode=0555
1278 file path=usr/sadm/install/scripts/r.manifest group=sys mode=0555
1279 file path=usr/sadm/install/scripts/r.pkcs11conf group=sys mode=0555
1280 file path=usr/sadm/install/scripts/r.rbac group=sys mode=0555
1281 file path=usr/sadm/updates mode=0444
1282 $(i386_ONLY)file path=usr/sbin/$(ARCH32)/add_drv group=sys mode=0555
1283 $(i386_ONLY)file path=usr/sbin/$(ARCH32)/modinfo group=sys mode=0555
1284 $(i386_ONLY)file path=usr/sbin/$(ARCH32)/modload group=sys mode=0555
1285 $(i386_ONLY)file path=usr/sbin/$(ARCH32)/modunload group=sys mode=0555
1286 $(i386_ONLY)file path=usr/sbin/$(ARCH32)/pbind group=sys mode=0555
1287 $(i386_ONLY)file path=usr/sbin/$(ARCH32)/prtconf group=sys mode=2555
1288 $(i386_ONLY)file path=usr/sbin/$(ARCH32)/psrset group=sys mode=0555
1289 $(i386_ONLY)file path=usr/sbin/$(ARCH32)/rem_drv group=sys mode=0555
1290 $(i386_ONLY)file path=usr/sbin/$(ARCH32)/swap group=sys mode=2555
1291 $(i386_ONLY)file path=usr/sbin/$(ARCH32)/sysdef group=sys mode=2555
1292 $(i386_ONLY)file path=usr/sbin/$(ARCH32)/update_drv group=sys mode=0555
1293 $(i386_ONLY)file path=usr/sbin/$(ARCH32)/whodo mode=4555
1294 file path=usr/sbin/$(ARCH64)/add_drv group=sys mode=0555
1295 file path=usr/sbin/$(ARCH64)/modinfo group=sys mode=0555
1296 file path=usr/sbin/$(ARCH64)/modload group=sys mode=0555
1297 file path=usr/sbin/$(ARCH64)/modunload group=sys mode=0555
1298 file path=usr/sbin/$(ARCH64)/pbind group=sys mode=0555
1299 file path=usr/sbin/$(ARCH64)/prtconf group=sys mode=2555
1300 file path=usr/sbin/$(ARCH64)/psrset group=sys mode=0555
1301 file path=usr/sbin/$(ARCH64)/rem_drv group=sys mode=0555
1302 file path=usr/sbin/$(ARCH64)/swap group=sys mode=2555
1303 file path=usr/sbin/$(ARCH64)/sysdef group=sys mode=2555
1304 file path=usr/sbin/$(ARCH64)/update_drv group=sys mode=0555
1305 file path=usr/sbin/$(ARCH64)/whodo mode=4555
1306 file path=usr/sbin/6to4relay mode=0555
1307 file path=usr/sbin/acctadm mode=0555
1308 file path=usr/sbin/allocate mode=4555
1309 file path=usr/sbin/arp mode=0555
1310 file path=usr/sbin/audit mode=0555
1311 file path=usr/sbin/auditconfig mode=0555
1312 file path=usr/sbin/auditd mode=0555
1313 file path=usr/sbin/auditrecord mode=0555

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1314 file path=usr/sbin/auditreduce mode=0555
1315 file path=usr/sbin/auditstat mode=0555
1316 file path=usr/sbin/cfgadm mode=0555
1317 file path=usr/sbin/chroot mode=0555
1318 file path=usr/sbin/clear_locks mode=0555
1319 file path=usr/sbin/clinfo mode=0555
1320 file path=usr/sbin/clri mode=0555
1321 file path=usr/sbin/consadm group=sys mode=0555
1322 file path=usr/sbin/cron group=sys mode=0555
1323 file path=usr/sbin/devfsadm group=sys mode=0755
1324 file path=usr/sbin/devinfo mode=0555
1325 file path=usr/sbin/df mode=0555
1326 file path=usr/sbin/dfmounts mode=0555
1327 file path=usr/sbin/dispadmin mode=0555
1328 file path=usr/sbin/dminfo mode=0555
1329 file path=usr/sbin/dumpadm mode=0555
1330 file path=usr/sbin/EEPROM group=sys mode=2555
1331 file path=usr/sbin/ff mode=0555
1332 file path=usr/sbin/fmthard group=sys mode=0555
1333 file path=usr/sbin/format mode=0555
1334 file path=usr/sbin/fsck mode=0555
1335 file path=usr/sbin/fstyp group=sys mode=0555
1336 file path=usr/sbin/fuser mode=0555
1337 file path=usr/sbin/getdevpolicy group=sys mode=0555
1338 file path=usr/sbin/getmajor group=sys mode=0755
1339 file path=usr/sbin/groupadd group=sys mode=0555
1340 file path=usr/sbin/groupdel group=sys mode=0555
1341 file path=usr/sbin/groupmod group=sys mode=0555
1342 file path=usr/sbin/grpck mode=0555
1343 file path=usr/sbin/halt mode=0755
1344 file path=usr/sbin/hotplug mode=0555
1345 file path=usr/sbin/idmap mode=0555
1346 file path=usr/sbin/if_mpadm mode=0555
1347 file path=usr/sbin/ikeadm mode=0555
1348 file path=usr/sbin/ikecert mode=0555
1349 file path=usr/sbin/inetadm mode=0555
1350 file path=usr/sbin/inetconv mode=0555
1351 file path=usr/sbin/install mode=0555
1352 file path=usr/sbin/installboot group=sys mode=0555
1353 file path=usr/sbin/ipaddrsel mode=0555
1354 file path=usr/sbin/ipsecalgs mode=0555
1355 file path=usr/sbin/ipsecconf mode=0555
1356 file path=usr/sbin/ipseckey mode=0555
1357 file path=usr/sbin/keyserv group=sys mode=0555
1358 file path=usr/sbin/killall mode=0555
1359 file path=usr/sbin/ksslcfg mode=0555
1360 file path=usr/sbin/link mode=0555
1361 file path=usr/sbin/locator mode=0555
1362 file path=usr/sbin/lofiadm mode=0555
1363 file path=usr/sbin/logadm mode=0555
1364 file path=usr/sbin/makedbm mode=0555
1365 file path=usr/sbin/mkdevalloc mode=0555
1366 file path=usr/sbin/mkfile mode=0555
1367 file path=usr/sbin/mknod mode=0555
1368 file path=usr/sbin/mountall group=sys mode=0555
1369 file path=usr/sbin/msgid mode=0555
1370 file path=usr/sbin/mvdir mode=0555
1371 file path=usr/sbin/ndd mode=0555
1372 file path=usr/sbin/nlsadmin group=adm mode=0755
1373 file path=usr/sbin/nscd mode=0555
1374 file path=usr/sbin/nwamadm mode=0555
1375 file path=usr/sbin/nwamcfg mode=0555
1376 file path=usr/sbin/pmadm group=sys mode=0555
1377 file path=usr/sbin/praudit mode=0555
1378 $(i386_ONLY)file path=usr/sbin/prtdiag group=sys mode=2755
1379 file path=usr/sbin/prtvoc group=sys mode=0555

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1380 file path=usr/sbin/psradm group=sys mode=0555
1381 file path=usr/sbin/psrinfo group=sys mode=0555
1382 file path=usr/sbin/pwck mode=0555
1383 file path=usr/sbin/pwconv group=sys mode=0555
1384 file path=usr/sbin/raidctl mode=0555
1385 file path=usr/sbin/ramdiskadm mode=0555
1386 file path=usr/sbin/rctladm mode=0555
1387 file path=usr/sbin/root_archive group=sys mode=0555
1388 file path=usr/sbin/rpcbind mode=0555
1389 $(i386_ONLY)file path=usr/sbin/rtc mode=0555
1390 file path=usr/sbin/sacadm group=sys mode=4755
1391 file path=usr/sbin/setmnt mode=0555
1392 file path=usr/sbin/shareall mode=0555
1393 file path=usr/sbin/sharectl mode=0555
1394 file path=usr/sbin/sharemgr mode=0555
1395 file path=usr/sbin/shutdown group=sys mode=0755
1396 file path=usr/sbin/smbios mode=0555
1397 file path=usr/sbin/stmsboot mode=0555
1398 file path=usr/sbin/strace group=sys mode=0555
1399 file path=usr/sbin/strclean group=sys mode=0555
1400 file path=usr/sbin/strerr group=sys mode=0555
1401 file path=usr/sbin/sttydefs group=sys mode=0755
1402 file path=usr/sbin/svcadm mode=0555
1403 file path=usr/sbin/svccfg mode=0555
1404 file path=usr/sbin/syncinit mode=0555
1405 file path=usr/sbin/syncloop mode=0555
1406 file path=usr/sbin/syncstat mode=0555
1407 file path=usr/sbin/syseventadm group=sys mode=0555
1408 file path=usr/sbin/syslogd group=sys mode=0555
1409 file path=usr/sbin/tar mode=0555
1410 file path=usr/sbin/traceroute mode=4555
1411 file path=usr/sbin/trapstat mode=0555
1412 file path=usr/sbin/ttyadm group=sys mode=0755
1413 $(i386_ONLY)file path=usr/sbin/ucodeadm mode=0555
1414 file path=usr/sbin/umountall group=sys mode=0555
1415 file path=usr/sbin/unlink mode=0555
1416 file path=usr/sbin/unshareall mode=0555
1417 file path=usr/sbin/useradd group=sys mode=0555
1418 file path=usr/sbin/userdel group=sys mode=0555
1419 file path=usr/sbin/usermod group=sys mode=0555
1420 $(sparc_ONLY)file path=usr/sbin/virtinfo mode=0555
1421 file path=usr/sbin/volcopy mode=0555
1422 file path=usr/sbin/wall group=tty mode=2555
1423 file path=usr/sbin/zdump mode=0555
1424 file path=usr/sbin/zic mode=0555
1425 file path=usr/share/doc/ksh/COMPATIBILITY
1426 file path=usr/share/doc/ksh/DESIGN
1427 file path=usr/share/doc/ksh/OBSOLETE
1428 file path=usr/share/doc/ksh/README
1429 file path=usr/share/doc/ksh/RELEASE
1430 file path=usr/share/doc/ksh/TYPES
1431 file path=usr/share/doc/ksh/images/callouts/1.png
1432 file path=usr/share/doc/ksh/images/callouts/10.png
1433 file path=usr/share/doc/ksh/images/callouts/2.png
1434 file path=usr/share/doc/ksh/images/callouts/3.png
1435 file path=usr/share/doc/ksh/images/callouts/4.png
1436 file path=usr/share/doc/ksh/images/callouts/5.png
1437 file path=usr/share/doc/ksh/images/callouts/6.png
1438 file path=usr/share/doc/ksh/images/callouts/7.png
1439 file path=usr/share/doc/ksh/images/callouts/8.png
1440 file path=usr/share/doc/ksh/images/callouts/9.png
1441 file path=usr/share/doc/ksh/images/tag_bourne.png
1442 file path=usr/share/doc/ksh/images/tag_i18n.png
1443 file path=usr/share/doc/ksh/images/tag_ksh.png
1444 file path=usr/share/doc/ksh/images/tag_ksh88.png
1445 file path=usr/share/doc/ksh/images/tag_ksh93.png

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1446 file path=usr/share/doc/ksh/images/tag_ll10n.png
1447 file path=usr/share/doc/ksh/images/tag_perf.png
1448 file path=usr/share/doc/ksh/shell_styleguide.docbook
1449 file path=usr/share/doc/ksh/shell_styleguide.html
1450 file path=usr/share/lib/mailx/mailx.help
1451 file path=usr/share/lib/mailx/mailx.help.~
1452 file path=usr/share/lib/tabset/3101
1453 file path=usr/share/lib/tabset/bee hive
1454 file path=usr/share/lib/tabset/hds
1455 file path=usr/share/lib/tabset/hds3
1456 file path=usr/share/lib/tabset/std
1457 file path=usr/share/lib/tabset/stdcrt
1458 file path=usr/share/lib/tabset/teleray
1459 file path=usr/share/lib/tabset/vt100
1460 file path=usr/share/lib/tabset/wyse-adds
1461 file path=usr/share/lib/tabset/xerox1720
1462 file path=usr/share/lib/termcap
1463 file path=usr/share/lib/unittab
1464 file path=usr/share/lib/xml/dtd/adt_record.dtd.1
1465 file path=usr/share/lib/xml/dtd/kmfpolicy.dtd
1466 file path=usr/share/lib/xml/dtd/service_bundle.dtd.1 group=sys
1467 file path=usr/share/lib/xml/style/adt_record.xsl.1
1468 file path=var/adm/aculog mode=0600 owner=uucp preserve=true
1469 file path=var/adm/spellhist mode=0666 preserve=true
1470 file path=var/adm/utmpx preserve=true
1471 file path=var/adm/wtmpx group=adm owner=adm preserve=true
1472 file path=var/log/authlog group=sys mode=0600 preserve=true
1473 file path=var/log/syslog group=sys preserve=true
1474 file path=var/sadm/system/admin/default_java group=sys mode=0444
1475 file path=var/saf/zsmon/log group=sys preserve=true
1476 file path=var/spool/cron/crontabs/adm group=sys mode=0600 preserve=true
1477 file path=var/spool/cron/crontabs/root group=sys mode=0600 preserve=true
1478 hardlink path=etc/rc2.d/S20syssetup target=../etc/init.d/syssetup
1479 hardlink path=etc/rc2.d/S73cachefs.daemon \
1480 target=../etc/init.d/cachefs.daemon
1481 hardlink path=etc/rc2.d/S89PRESERVE target=../etc/init.d/PRESERVE
1482 $(sparc_ONLY)hardlink path=etc/svc/profile/platform_SUNW,Sun-Fire-V890.xml \
1483 target=platform_SUNW,Sun-Fire-880.xml
1484 $(sparc_ONLY)hardlink \
1485 path=etc/svc/profile/platform_SUNW,UltraSPARC-IIe-Netract-40.xml \
1486 target=platform_SUNW,UltraSPARC-IIi-Netract.xml
1487 $(sparc_ONLY)hardlink \
1488 path=etc/svc/profile/platform_SUNW,UltraSPARC-IIe-Netract-60.xml \
1489 target=platform_SUNW,UltraSPARC-IIi-Netract.xml
1490 hardlink path=sbin/rc5 target=../sbin/rc0
1491 hardlink path=sbin/rc6 target=../sbin/rc0
1492 hardlink path=usr/bin/$(ARCH32)/encrypt target=decrypt
1493 hardlink path=usr/bin/$(ARCH32)/ksh target=ksh93
1494 hardlink path=usr/bin/$(ARCH32)/mac target=digest
1495 hardlink path=usr/bin/$(ARCH32)/rksh target=ksh93
1496 hardlink path=usr/bin/$(ARCH32)/rksh93 target=ksh93
1497 $(i386_ONLY)hardlink path=usr/bin/$(ARCH32)/w target=uptime
1498 hardlink path=usr/bin/$(ARCH64)/encrypt target=decrypt
1499 hardlink path=usr/bin/$(ARCH64)/ksh target=ksh93
1500 hardlink path=usr/bin/$(ARCH64)/mac target=digest
1501 hardlink path=usr/bin/$(ARCH64)/rksh target=ksh93
1502 hardlink path=usr/bin/$(ARCH64)/rksh93 target=ksh93
1503 hardlink path=usr/bin/$(ARCH64)/w target=uptime
1504 hardlink path=usr/bin/bg target=../usr/bin/alias
1505 hardlink path=usr/bin/cd target=../usr/bin/alias
1506 hardlink path=usr/bin/cksum target=../usr/bin/alias
1507 hardlink path=usr/bin/cmp target=../usr/bin/alias
1508 hardlink path=usr/bin/comm target=../usr/bin/alias
1509 hardlink path=usr/bin/command target=../usr/bin/alias
1510 hardlink path=usr/bin/cut target=../usr/bin/alias
1511 hardlink path=usr/bin/decrypt target=../usr/lib/isaexec

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1512 hardlink path=usr/bin/digest target=../usr/lib/isaexec
1513 hardlink path=usr/bin/dispgid target=../usr/bin/ckgid
1514 hardlink path=usr/bin/dispuuid target=../usr/bin/ckuid
1515 hardlink path=usr/bin/edit target=../has/bin/edit
1516 hardlink path=usr/bin/encrypt target=../usr/lib/isaexec
1517 hardlink path=usr/bin/fc target=../usr/bin/alias
1518 hardlink path=usr/bin/fg target=../usr/bin/alias
1519 hardlink path=usr/bin/getopts target=../usr/bin/alias
1520 hardlink path=usr/bin/hash target=../usr/bin/alias
1521 hardlink path=usr/bin/i386 target=../usr/bin/i286
1522 hardlink path=usr/bin/i486 target=../usr/bin/i286
1523 hardlink path=usr/bin/i860 target=../usr/bin/i286
1524 hardlink path=usr/bin/i86pc target=../usr/bin/i286
1525 hardlink path=usr/bin/iAPX286 target=../usr/bin/i286
1526 hardlink path=usr/bin/jobs target=../usr/bin/alias
1527 hardlink path=usr/bin/join target=../usr/bin/alias
1528 hardlink path=usr/bin/kill target=../usr/bin/alias
1529 hardlink path=usr/bin/ksh target=../usr/lib/isaexec
1530 hardlink path=usr/bin/ksh93 target=../usr/lib/isaexec
1531 hardlink path=usr/bin/ln target=../usr/bin/cp
1532 hardlink path=usr/bin/logname target=../usr/bin/alias
1533 hardlink path=usr/bin/m68k target=../usr/bin/i286
1534 hardlink path=usr/bin/mac target=../usr/lib/isaexec
1535 hardlink path=usr/bin/mc68000 target=../usr/bin/i286
1536 hardlink path=usr/bin/mc68010 target=../usr/bin/i286
1537 hardlink path=usr/bin/mc68020 target=../usr/bin/i286
1538 hardlink path=usr/bin/mc68030 target=../usr/bin/i286
1539 hardlink path=usr/bin/mc68040 target=../usr/bin/i286
1540 hardlink path=usr/bin/mv target=../usr/bin/cp
1541 hardlink path=usr/bin/newtask target=../usr/lib/isaexec
1542 hardlink path=usr/bin/nohup target=../usr/lib/isaexec
1543 hardlink path=usr/bin/page target=../usr/bin/more
1544 hardlink path=usr/bin/paste target=../usr/bin/alias
1545 hardlink path=usr/bin/pdp11 target=../usr/bin/i286
1546 hardlink path=usr/bin/pfbash target=../usr/bin/pfexec
1547 hardlink path=usr/bin/pfcsh target=../usr/bin/pfexec
1548 hardlink path=usr/bin/pfksh target=../usr/bin/pfexec
1549 hardlink path=usr/bin/pfksh93 target=../usr/bin/pfexec
1550 hardlink path=usr/bin/pfrksh target=../usr/bin/pfexec
1551 hardlink path=usr/bin/pfrksh93 target=../usr/bin/pfexec
1552 hardlink path=usr/bin/pfsh target=../usr/bin/pfexec
1553 hardlink path=usr/bin/pftcsh target=../usr/bin/pfexec
1554 hardlink path=usr/bin/pfzsh target=../usr/bin/pfexec
1555 hardlink path=usr/bin/pkill target=../usr/bin/pgrep
1556 hardlink path=usr/bin/prctl target=../usr/lib/isaexec
1557 hardlink path=usr/bin/print target=../usr/bin/alias
1558 hardlink path=usr/bin/prstat target=../usr/lib/isaexec
1559 hardlink path=usr/bin/ps target=../usr/lib/isaexec
1560 hardlink path=usr/bin/read target=../usr/bin/alias
1561 hardlink path=usr/bin/red target=../usr/bin/ed
1562 hardlink path=usr/bin/rev target=../usr/bin/alias
1563 hardlink path=usr/bin/rksh target=../usr/lib/isaexec
1564 hardlink path=usr/bin/rksh93 target=../usr/lib/isaexec
1565 hardlink path=usr/bin/savecore target=../usr/lib/isaexec
1566 hardlink path=usr/bin/setuname target=../usr/lib/isaexec
1567 hardlink path=usr/bin/sleep target=../usr/bin/alias
1568 hardlink path=usr/bin/sparc target=../usr/bin/i286
1569 hardlink path=usr/bin/sum target=../usr/bin/alias
1570 hardlink path=usr/bin/sun target=../usr/bin/i286
1571 hardlink path=usr/bin/sun2 target=../usr/bin/i286
1572 hardlink path=usr/bin/sun3 target=../usr/bin/i286
1573 hardlink path=usr/bin/sun3x target=../usr/bin/i286
1574 hardlink path=usr/bin/sun4 target=../usr/bin/i286
1575 hardlink path=usr/bin/sun4c target=../usr/bin/i286
1576 hardlink path=usr/bin/sun4d target=../usr/bin/i286
1577 hardlink path=usr/bin/sun4e target=../usr/bin/i286

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1578 hardlink path=usr/bin/sun4m target=../usr/bin/i286
1579 hardlink path=usr/bin/tee target=../usr/bin/alias
1580 hardlink path=usr/bin/test target=../usr/bin/alias
1581 hardlink path=usr/bin/touch target=../usr/bin/settime
1582 hardlink path=usr/bin/type target=../usr/bin/alias
1583 hardlink path=usr/bin/u370 target=../usr/bin/i286
1584 hardlink path=usr/bin/u3b target=../usr/bin/i286
1585 hardlink path=usr/bin/u3b15 target=../usr/bin/i286
1586 hardlink path=usr/bin/u3b2 target=../usr/bin/i286
1587 hardlink path=usr/bin/u3b5 target=../usr/bin/i286
1588 hardlink path=usr/bin/ulimit target=../usr/bin/alias
1589 hardlink path=usr/bin/umask target=../usr/bin/alias
1590 hardlink path=usr/bin/unalias target=../usr/bin/alias
1591 hardlink path=usr/bin/uniq target=../usr/bin/alias
1592 hardlink path=usr/bin/uptime target=../usr/lib/isaexec
1593 hardlink path=usr/bin/vax target=../usr/bin/i286
1594 hardlink path=usr/bin/vedit target=../usr/bin/edit
1595 hardlink path=usr/bin/w target=../usr/lib/isaexec
1596 hardlink path=usr/bin/wait target=../usr/bin/alias
1597 hardlink path=usr/bin/wc target=../usr/bin/alias
1598 hardlink path=usr/has/bin/ex target=edit
1599 hardlink path=usr/has/bin/pfsh target=../usr/bin/pfexec
1600 hardlink path=usr/has/bin/vedit target=edit
1601 hardlink path=usr/has/bin/vi target=edit
1602 hardlink path=usr/has/bin/view target=edit
1603 hardlink path=usr/lib/fs/hfs/fstyp target=../usr/sbin/fstyp
1604 hardlink path=usr/lib/fs/ufs/dcopy target=../usr/lib/fs/ufs/clri
1605 hardlink path=usr/lib/fs/ufs/fstyp target=../usr/sbin/fstyp
1606 hardlink path=usr/lib/fs/ufs/quotao \
1607 target=../usr/lib/fs/ufs/quotaooff
1608 hardlink path=usr/lib/inet/in.iked target=../usr/lib/isaexec
1609 hardlink path=usr/sadm/bin/dispgid target=../usr/bin/ckgid
1610 hardlink path=usr/sadm/bin/dispuid target=../usr/bin/ckuid
1611 hardlink path=usr/sadm/bin/errange target=../usr/bin/ckrange
1612 hardlink path=usr/sadm/bin/errdate target=../usr/bin/ckdate
1613 hardlink path=usr/sadm/bin/errgid target=../usr/bin/ckgid
1614 hardlink path=usr/sadm/bin/errint target=../usr/bin/ckint
1615 hardlink path=usr/sadm/bin/erritem target=../usr/bin/ckitem
1616 hardlink path=usr/sadm/bin/errpath target=../usr/bin/ckpath
1617 hardlink path=usr/sadm/bin/errstr target=../usr/bin/ckstr
1618 hardlink path=usr/sadm/bin/errtime target=../usr/bin/cktime
1619 hardlink path=usr/sadm/bin/erruid target=../usr/bin/ckuid
1620 hardlink path=usr/sadm/bin/erryoorn target=../usr/bin/ckyoorn
1621 hardlink path=usr/sadm/bin/helpdate target=../usr/bin/ckdate
1622 hardlink path=usr/sadm/bin/helpgid target=../usr/bin/ckgid
1623 hardlink path=usr/sadm/bin/helpint target=../usr/bin/ckint
1624 hardlink path=usr/sadm/bin/helpitem target=../usr/bin/ckitem
1625 hardlink path=usr/sadm/bin/helppath target=../usr/bin/ckpath
1626 hardlink path=usr/sadm/bin/helpprange target=../usr/bin/ckrange
1627 hardlink path=usr/sadm/bin/helpstr target=../usr/bin/ckstr
1628 hardlink path=usr/sadm/bin/helptime target=../usr/bin/cktime
1629 hardlink path=usr/sadm/bin/helpuid target=../usr/bin/ckuid
1630 hardlink path=usr/sadm/bin/helpyoorn target=../usr/bin/ckyoorn
1631 hardlink path=usr/sadm/bin/valdate target=../usr/bin/ckdate
1632 hardlink path=usr/sadm/bin/valgid target=../usr/bin/ckgid
1633 hardlink path=usr/sadm/bin/valint target=../usr/bin/ckint
1634 hardlink path=usr/sadm/bin/valpath target=../usr/bin/ckpath
1635 hardlink path=usr/sadm/bin/valrange target=../usr/bin/ckrange
1636 hardlink path=usr/sadm/bin/valstr target=../usr/bin/ckstr
1637 hardlink path=usr/sadm/bin/valtime target=../usr/bin/cktime
1638 hardlink path=usr/sadm/bin/valuid target=../usr/bin/ckuid
1639 hardlink path=usr/sadm/bin/valyoorn target=../usr/bin/ckyoorn
1640 hardlink path=usr/sbin/add_drv target=../usr/lib/isaexec
1641 hardlink path=usr/sbin/audlinks target=../devfsadm
1642 hardlink path=usr/sbin/consadm target=../usr/sbin/consadm
1643 hardlink path=usr/sbin/deallocate target=../usr/sbin/allocate

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1644 hardlink path=usr/sbin/devlinks target=../devfsadm
1645 hardlink path=usr/sbin/dfshares target=../usr/sbin/dfmounts
1646 hardlink path=usr/sbin/disks target=../devfsadm
1647 hardlink path=usr/sbin/drvconfig target=../devfsadm
1648 hardlink path=usr/sbin/list_devices target=../usr/sbin/allocate
1649 hardlink path=usr/sbin/mkdevmaps target=../usr/sbin/mkdevalloc
1650 hardlink path=usr/sbin/modinfo target=../usr/lib/isaexec
1651 hardlink path=usr/sbin/modload target=../usr/lib/isaexec
1652 hardlink path=usr/sbin/modunload target=../usr/lib/isaexec
1653 hardlink path=usr/sbin/pbind target=../usr/lib/isaexec
1654 hardlink path=usr/sbin/ports target=../devfsadm
1655 hardlink path=usr/sbin/poweroff target=../halt
1656 hardlink path=usr/sbin/prtconf target=../usr/lib/isaexec
1657 $(sparc_ONLY)hardlink path=usr/sbin/prtdiag target=../usr/lib/platexec
1658 hardlink path=usr/sbin/psrset target=../usr/lib/isaexec
1659 hardlink path=usr/sbin/reboot target=../halt
1660 hardlink path=usr/sbin/rem_drv target=../usr/lib/isaexec
1661 hardlink path=usr/sbin/roleadd target=../usr/sbin/useradd
1662 hardlink path=usr/sbin/roledel target=../usr/sbin/userdel
1663 hardlink path=usr/sbin/rolemod target=../usr/sbin/usermod
1664 hardlink path=usr/sbin/share target=../usr/sbin/sharemgr
1665 hardlink path=usr/sbin/swap target=../usr/lib/isaexec
1666 hardlink path=usr/sbin/sysdef target=../usr/lib/isaexec
1667 hardlink path=usr/sbin/tapes target=../devfsadm
1668 hardlink path=usr/sbin/unshare target=../usr/sbin/sharemgr
1669 hardlink path=usr/sbin/update_drv target=../usr/lib/isaexec
1670 hardlink path=usr/sbin/whodo target=../usr/lib/isaexec
1671 legacy pkg=SUNWcsu \
1672 desc="core software for a specific instruction-set architecture" \
1673 name="Core Solaris, (Root)"
1674 legacy pkg=SUNWcsu \
1675 desc="core software for a specific instruction-set architecture" \
1676 name="Core Solaris, (Usr)"
1677 legacy pkg=SUNWftpr desc="FTP Server Configuration Files" \
1678 name="FTP Server, (Root)"
1679 license cr_Sun license=cr_Sun
1680 license lic_CDDL license=lic_CDDL
1681 license usr/src/cmd/inet/sbin/ifparse/THIRDPARTYLICENSE \
1682 license=usr/src/cmd/inet/sbin/ifparse/THIRDPARTYLICENSE
1683 license usr/src/cmd/inet/usr.lib.in.mpathd/THIRDPARTYLICENSE \
1684 license=usr/src/cmd/inet/usr.lib.in.mpathd/THIRDPARTYLICENSE
1685 license usr/src/cmd/inet/usr/sbin/THIRDPARTYLICENSE.arp \
1686 license=usr/src/cmd/inet/usr/sbin/THIRDPARTYLICENSE.arp
1687 license usr/src/cmd/inet/usr/sbin/THIRDPARTYLICENSE.route \
1688 license=usr/src/cmd/inet/usr/sbin/THIRDPARTYLICENSE.route
1689 license usr/src/cmd/inet/usr/sbin/ifconfig/THIRDPARTYLICENSE \
1690 license=usr/src/cmd/inet/usr/sbin/ifconfig/THIRDPARTYLICENSE
1691 license usr/src/cmd/inet/usr/sbin/in.ftpd/LICENSE \
1692 license=usr/src/cmd/inet/usr/sbin/in.ftpd/LICENSE
1693 license usr/src/cmd/inet/usr/sbin/traceroute/THIRDPARTYLICENSE \
1694 license=usr/src/cmd/inet/usr/sbin/traceroute/THIRDPARTYLICENSE
1695 license usr/src/cmd/cron/THIRDPARTYLICENSE \
1696 license=usr/src/cmd/cron/THIRDPARTYLICENSE
1697 license usr/src/cmd/csh/THIRDPARTYLICENSE \
1698 license=usr/src/cmd/csh/THIRDPARTYLICENSE
1699 license usr/src/cmd/eprom/THIRDPARTYLICENSE \
1700 license=usr/src/cmd/eprom/THIRDPARTYLICENSE
1701 license usr/src/cmd/fs.d/ufs/THIRDPARTYLICENSE \
1702 license=usr/src/cmd/fs.d/ufs/THIRDPARTYLICENSE
1703 license usr/src/cmd/mt/THIRDPARTYLICENSE \
1704 license=usr/src/cmd/mt/THIRDPARTYLICENSE
1705 license usr/src/cmd/script/THIRDPARTYLICENSE \
1706 license=usr/src/cmd/script/THIRDPARTYLICENSE
1707 license usr/src/cmd/sed/THIRDPARTYLICENSE \
1708 license=usr/src/cmd/sed/THIRDPARTYLICENSE
1709 license usr/src/cmd/stat/vmstat/THIRDPARTYLICENSE \

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1710 license=usr/src/cmd/stat/vmstat/THIRDPARTYLICENSE
1711 license usr/src/cmd/tail/THIRDPARTYLICENSE \
1712 license=usr/src/cmd/tail/THIRDPARTYLICENSE
1713 license usr/src/cmd/tip/THIRDPARTYLICENSE \
1714 license=usr/src/cmd/tip/THIRDPARTYLICENSE
1715 license usr/src/cmd/tr/THIRDPARTYLICENSE \
1716 license=usr/src/cmd/tr/THIRDPARTYLICENSE
1717 license usr/src/cmd/vi/THIRDPARTYLICENSE \
1718 license=usr/src/cmd/vi/THIRDPARTYLICENSE
1719 license usr/src/cmd/which/THIRDPARTYLICENSE \
1720 license=usr/src/cmd/which/THIRDPARTYLICENSE
1721 license usr/src/cmd/xstr/THIRDPARTYLICENSE \
1722 license=usr/src/cmd/xstr/THIRDPARTYLICENSE
1723 license usr/src/common/bzip2/LICENSE license=usr/src/common/bzip2/LICENSE
1724 link path=bin target=../usr/bin
1725 link path=etc/TIMEZONE target=../default/init
1726 link path=etc/autopush target=../sbin/autopush
1727 link path=etc/cfgadm target=../usr/sbin/cfgadm
1728 link path=etc/clri target=../usr/sbin/clri
1729 link path=etc/cron target=../usr/sbin/cron
1730 link path=etc/dcopy target=../usr/sbin/dcopy
1731 link path=etc/ff target=../usr/sbin/ff
1732 link path=etc/fmthard target=../usr/sbin/fmthard
1733 link path=etc/format target=../usr/sbin/format
1734 link path=etc/fsck target=../usr/sbin/fsck
1735 link path=etc/fsdb target=../usr/sbin/fsdb
1736 link path=etc/fstyp target=../usr/sbin/fstyp
1737 link path=etc/getty target=../usr/lib/saf/ttymon
1738 link path=etc/grpck target=../usr/sbin/grpck
1739 link path=etc/halt target=../usr/sbin/halt
1740 link path=etc/hosts target=../inet/hosts
1741 link path=etc/inet/ipnodes target=../hosts
1742 link path=etc/inetd.conf target=../inet/inetd.conf
1743 link path=etc/init target=../sbin/init
1744 link path=etc/install target=../usr/sbin/install
1745 link path=etc/killall target=../usr/sbin/killall
1746 link path=etc/labelit target=../usr/sbin/labelit
1747 link path=etc/lib/ld.so.1 target=../lib/ld.so.1
1748 link path=etc/lib/libdl.so.1 target=../lib/libdl.so.1
1749 link path=etc/lib/nss_files.so.1 target=../lib/nss_files.so.1
1750 link path=etc/log target=../var/adm/log
1751 link path=etc/mkfs target=../usr/sbin/mkfs
1752 link path=etc/mknod target=../usr/sbin/mknod
1753 link path=etc/mount target=../sbin/mount
1754 link path=etc/mountall target=../sbin/mountall
1755 link path=etc/ncheck target=../usr/sbin/ncheck
1756 link path=etc/netmasks target=../inet/netmasks
1757 link path=etc/networks target=../inet/networks
1758 link path=etc/protocols target=../inet/protocols
1759 link path=etc/prtconf target=../usr/sbin/prtconf
1760 link path=etc/prvtoc target=../usr/sbin/prvtoc
1761 link path=etc/rc0 target=../sbin/rc0
1762 link path=etc/rc1 target=../sbin/rc1
1763 link path=etc/rc2 target=../sbin/rc2
1764 link path=etc/rc3 target=../sbin/rc3
1765 link path=etc/rc5 target=../sbin/rc5
1766 link path=etc/rc6 target=../sbin/rc6
1767 link path=etc/rcS target=../sbin/rcS
1768 link path=etc/reboot target=../usr/sbin/halt
1769 link path=etc/security/audit/localhost/files target=../var/audit
1770 link path=etc/services target=../inet/services
1771 link path=etc/setmnt target=../usr/sbin/setmnt
1772 link path=etc/shutdown target=../usr/sbin/shutdown
1773 link path=etc/sulogin target=../sbin/sulogin
1774 link path=etc/swap target=../usr/sbin/swap
1775 link path=etc/swapadd target=../sbin/swapadd

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1776 link path=etc/sysdef target=../usr/sbin/sysdef
1777 link path=etc/tar target=../usr/sbin/tar
1778 link path=etc/telinit target=../sbin/init
1779 link path=etc/uadmin target=../sbin/uadmin
1780 link path=etc/umount target=../sbin/umount
1781 link path=etc/umountall target=../sbin/umountall
1782 link path=etc/utmpx target=../var/adm/utmpx
1783 link path=etc/volcopy target=../usr/sbin/volcopy
1784 link path=etc/wall target=../usr/sbin/wall
1785 link path=etc/whodo target=../usr/sbin/whodo
1786 link path=etc/wtmpx target=../var/adm/wtmpx
1787 link path=sbin/in.mpathd target=../lib/inet/in.mpathd
1788 link path=sbin/jsh target=../usr/bin/ksh93
1789 link path=sbin/pfsh target=../usr/bin/pfexec
1790 link path=sbin/sh target=../usr/bin/$(ARCH32)/ksh93
1791 link path=sbin/su target=../usr/bin/su
1792 link path=usr/adm target=../var/adm
1793 link path=usr/bin/cachefspack target=../lib/fs/cachefs/cachefspack
1794 link path=usr/bin/cachefsstat target=../lib/fs/cachefs/cachefsstat
1795 link path=usr/bin/df target=../sbin/df
1796 link path=usr/bin/jsh target=ksh93
1797 link path=usr/bin/pwconv target=../sbin/pwconv
1798 link path=usr/bin/rmail target=../mail
1799 link path=usr/bin/sh target=$(ARCH32)/ksh93
1800 link path=usr/bin/strclean target=../sbin/strclean
1801 link path=usr/bin/strerr target=../sbin/strerr
1802 link path=usr/bin/sync target=../sbin/sync
1803 link path=usr/bin/tar target=../sbin/tar
1804 link path=usr/bin/uname target=../sbin/uname
1805 link path=usr/ccs/bin/m4 target=../bin/m4
1806 link path=usr/has/bin/jsh target=sh
1807 link path=usr/has/lib/rsh target=../bin/sh
1808 link path=usr/lib/$(ARCH64)/ld.so.1 target=../lib/$(ARCH64)/ld.so.1
1809 link path=usr/lib/cron target=../etc/cron.d
1810 link path=usr/lib/devfsadm/devfsadm target=../sbin/devfsadm
1811 link path=usr/lib/embedded_su target=../bin/su
1812 link path=usr/lib/fs/dev/mount target=../etc/fs/dev/mount
1813 link path=usr/lib/fs/hfs/mount target=../etc/fs/hfs/mount
1814 link path=usr/lib/fs/ufs/mount target=../etc/fs/ufs/mount
1815 link path=usr/lib/inet/in.mpathd target=../lib/inet/in.mpathd
1816 link path=usr/lib/ld.so.1 target=../lib/ld.so.1
1817 link path=usr/lib/locale/POSIX target=../C
1818 link path=usr/lib/rsh target=../bin/ksh93
1819 link path=usr/lib/secure/32 target=..
1820 link path=usr/lib/secure/64 target=$(ARCH64)
1821 link path=usr/lib/wusb target=../sbin/wusbadm
1822 link path=usr/mail target=../var/mail
1823 link path=usr/net/nls/listen target=../lib/saf/listen
1824 link path=usr/net/nls/nlps_server target=../lib/saf/nlps_server
1825 link path=usr/news target=../var/news
1826 link path=usr/preserve target=../var/preserve
1827 link path=usr/pub target=../share/lib/pub
1828 link path=usr/sbin/autopush target=../sbin/autopush
1829 link path=usr/sbin/bootadm target=../sbin/bootadm
1830 link path=usr/sbin/cachefslog target=../lib/fs/cachefs/cachefslog
1831 link path=usr/sbin/cachefswssize target=../lib/fs/cachefs/cachefswssize
1832 link path=usr/sbin/cfsadmin target=../lib/fs/cachefs/cfsadmin
1833 link path=usr/sbin/cryptoadm target=../sbin/cryptoadm
1834 link path=usr/sbin/dcopy target=../clri
1835 link path=usr/sbin/devnm target=../df
1836 link path=usr/sbin/dladm target=../sbin/dladm
1837 link path=usr/sbin/dlstat target=../sbin/dlstat
1838 link path=usr/sbin/edquota target=../lib/fs/ufs/edquota
1839 link path=usr/sbin/fdisk target=../sbin/fdisk
1840 link path=usr/sbin/fiocompress target=../sbin/fiocompress
1841 link path=usr/sbin/flowadm target=../sbin/flowadm

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1842 link path=usr/sbin/flowstat target=../sbin/flowstat
1843 link path=usr/sbin/fsdb target=./clri
1844 link path=usr/sbin/fsirand target=../lib/fs/ufs/fsirand
1845 link path=usr/sbin/fssnap target=./clri
1846 link path=usr/sbin/hostconfig target=../sbin/hostconfig
1847 link path=usr/sbin/ifconfig target=../sbin/ifconfig
1848 link path=usr/sbin/inetd target=../lib/inet/inetd
1849 link path=usr/sbin/init target=../sbin/init
1850 $(i386_ONLY)link path=usr/sbin/installgrub target=../sbin/installgrub
1851 link path=usr/sbin/ipadm target=../sbin/ipadm
1852 link path=usr/sbin/impstat target=../sbin/impstat
1853 link path=usr/sbin/labelit target=./clri
1854 link path=usr/sbin/lockfs target=../lib/fs/ufs/lockfs
1855 link path=usr/sbin/mkfs target=./clri
1856 link path=usr/sbin/mount target=../sbin/mount
1857 link path=usr/sbin/ncheck target=./ff
1858 link path=usr/sbin/newfs target=../lib/fs/ufs/newfs
1859 link path=usr/sbin/quot target=../lib/fs/ufs/quot
1860 link path=usr/sbin/quota target=../lib/fs/ufs/quota
1861 link path=usr/sbin/quotacheck target=../lib/fs/ufs/quotacheck
1862 link path=usr/sbin/quotaoff target=../lib/fs/ufs/quotaoff
1863 link path=usr/sbin/quotaon target=../lib/fs/ufs/quotaon
1864 link path=usr/sbin/repquota target=../lib/fs/ufs/repquota
1865 link path=usr/sbin/route target=../sbin/route
1866 link path=usr/sbin/routeadm target=../sbin/routeadm
1867 link path=usr/sbin/sync target=../sbin/sync
1868 link path=usr/sbin/tunefs target=../lib/fs/ufs/tunefs
1869 link path=usr/sbin/tzreload target=../sbin/tzreload
1870 link path=usr/sbin/uadmin target=../sbin/uadmin
1871 link path=usr/sbin/ufsdump target=../lib/fs/ufs/ufsdump
1872 link path=usr/sbin/ufsrestore target=../lib/fs/ufs/ufsrestore
1873 link path=usr/sbin/umount target=../sbin/umount
1874 link path=usr/sbin/wusbadm target=../sbin/wusbadm
1875 link path=usr/spool target=./var/spool
1876 link path=usr/src target=./share/src
1877 link path=usr/tmp target=./var/tmp
1878 link path=var/ld/32 target=.
1879 link path=var/ld/64 target=$(ARCH64)
1880 #
1881 # The bootadm binary needs the etc/release file.
1882 #
1883 depend fmri=release/name type=require
1884 #
1885 # intrd and others use the illumos-defaulted perl interpreter
1886 #
1887 depend fmri=runtime/perl$(PERL_PKGVERS) type=require
1888 #
1889 # intrd uses sun-solaris Perl modules
1890 #
1891 depend fmri=runtime/perl$(PERL_PKGVERS)/module/sun-solaris type=require
1887 depend fmri=runtime/perl-510 type=require
1892 #
1893 # The loadkeys binary needs the keytables.
1894 #
1895 depend fmri=system/data/keyboard/keytables type=require
1896 #
1897 # Depend on terminfo data.
1898 #
1899 depend fmri=system/data/terminfo type=require
1900 #
1901 # Depend on zoneinfo data.
1902 #
1903 depend fmri=system/data/zoneinfo type=require
```

new/usr/src/pkg/manifests/developer-appcert.mf

1

```
*****
2221 Mon Jun  9 13:17:34 2014
new/usr/src/pkg/manifests/developer-appcert.mf
4911 illumos-gate perl package version is fixed
Reviewed by: Andy Stormont <astormont@racktopsystems.com>
Reviewed by: Keith Wesolowski <keith.wesolowski@joyent.com>
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24 #
25 #
26 set name=pkg.fmri value=pkg:/developer/appcert@$(PKGVERS)
27 set name=pkg.description \
28     value="Appcert utility for application ABI stability checking"
29 set name=pkg.summary value="ABI Application Certification Tools"
30 set name=info.classification \
31     value="org.opensolaris.category.2008:System/Software Management"
32 set name=variant.arch value=$(ARCH)
33 dir path=usr group=sys
34 dir path=usr/bin
35 dir path=usr/lib
36 dir path=usr/lib/abi
37 dir path=usr/lib/abi/appcert
38 dir path=usr/share/man
39 dir path=usr/share/man/man1
40 file path=usr/bin/appcert mode=0555
41 file path=usr/lib/abi/appcert/AppcertUtil.pm mode=0555
42 file path=usr/lib/abi/appcert/abi_index mode=0555
43 file path=usr/lib/abi/appcert/etc.alt mode=0444
44 file path=usr/lib/abi/appcert/etc.scoped mode=0444
45 file path=usr/lib/abi/appcert/etc.tweaks mode=0444
46 file path=usr/lib/abi/appcert/etc.warn mode=0444
47 file path=usr/lib/abi/appcert/static_prof mode=0555
48 file path=usr/lib/abi/appcert/symcheck mode=0555
49 file path=usr/lib/abi/appcert/symprof mode=0555
50 file path=usr/lib/abi/appcert/symreport mode=0555
51 file path=usr/share/man/man1/appcert.1
52 legacy pkg=SUNwapct \
53     desc="Appcert utility for application ABI stability checking" \
54     name="ABI Application Certification Tools"
55 license cr_Sun license=cr_Sun
56 license lic_CDDL license=lic_CDDL
57 depend fmri=runtime/perl$(PERL_PKGVERS) type=require
58 depend fmri=runtime/perl-510 type=require
```


new/usr/src/pkg/manifests/developer-object-file.mf

1

```
*****
6766 Mon Jun 9 13:17:34 2014
new/usr/src/pkg/manifests/developer-object-file.mf
4911 illumos-gate perl package version is fixed
Reviewed by: Andy Stormont <astormont@racktopsystems.com>
Reviewed by: Keith Wesolowski <keith.wesolowski@joyent.com>
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22 #
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24 #
25 #
26 set name=pkg.fmri value=pkg:/developer/object-file@$(PKGVERS)
27 set name=pkg.description \
28 value="software development utilities, including ar, dis, dump, elfdump, elf
29 set name=pkg.summary value="CCS tools bundled with SunOS"
30 set name=info.classification value=org.opensolaris.category.2008:System/Core
31 set name=variant.arch value=$(ARCH)
32 dir path=usr group=sys
33 dir path=usr/bin
34 dir path=usr/bin/$(ARCH64)
35 dir path=usr/ccs
36 dir path=usr/ccs/bin
37 dir path=usr/ccs/bin/$(ARCH64)
38 dir path=usr/ccs/lib
39 dir path=usr/lib
40 dir path=usr/lib/$(ARCH64)
41 dir path=usr/lib/elfedit
42 dir path=usr/lib/elfedit/$(ARCH64)
43 dir path=usr/share
44 dir path=usr/share/lib
45 dir path=usr/share/lib/ccs
46 dir path=usr/share/man/man1
47 file path=usr/bin/$(ARCH64)/ar mode=0555
48 file path=usr/bin/$(ARCH64)/dump mode=0555
49 file path=usr/bin/$(ARCH64)/elfdump mode=0555
50 file path=usr/bin/$(ARCH64)/elfedit mode=0555
51 file path=usr/bin/$(ARCH64)/mcs mode=0555
52 file path=usr/bin/$(ARCH64)/nm mode=0555
53 file path=usr/bin/$(ARCH64)/size mode=0555
54 file path=usr/bin/ar mode=0555
55 file path=usr/bin/dis mode=0555
56 file path=usr/bin/dump mode=0555
57 file path=usr/bin/elfdump mode=0555
58 file path=usr/bin/elfedit mode=0555
59 file path=usr/bin/error mode=0555
```

new/usr/src/pkg/manifests/developer-object-file.mf

2

```
60 file path=usr/bin/gprof mode=0555
61 file path=usr/bin/lari mode=0555
62 file path=usr/bin/lex mode=0555
63 file path=usr/bin/lorder mode=0555
64 file path=usr/bin/mcs mode=0555
65 file path=usr/bin/nm mode=0555
66 file path=usr/bin/prof mode=0555
67 file path=usr/bin/ranlib mode=0555
68 file path=usr/bin/rpcgen mode=0555
69 file path=usr/bin/size mode=0555
70 file path=usr/bin/symorder mode=0555
71 file path=usr/bin/tsort mode=0555
72 file path=usr/bin/unifdef mode=0555
73 file path=usr/bin/yacc mode=0555
74 file path=usr/lib/$(ARCH64)/llib-ll.ln
75 file path=usr/lib/$(ARCH64)/llib-ly.ln
76 file path=usr/lib/elfedit/$(ARCH64)/cap.so
77 file path=usr/lib/elfedit/$(ARCH64)/dyn.so
78 file path=usr/lib/elfedit/$(ARCH64)/ehdr.so
79 file path=usr/lib/elfedit/$(ARCH64)/phdr.so
80 file path=usr/lib/elfedit/$(ARCH64)/shdr.so
81 file path=usr/lib/elfedit/$(ARCH64)/str.so
82 file path=usr/lib/elfedit/$(ARCH64)/sym.so
83 file path=usr/lib/elfedit/$(ARCH64)/syminfo.so
84 file path=usr/lib/elfedit/cap.so
85 file path=usr/lib/elfedit/dyn.so
86 file path=usr/lib/elfedit/ehdr.so
87 file path=usr/lib/elfedit/phdr.so
88 file path=usr/lib/elfedit/shdr.so
89 file path=usr/lib/elfedit/str.so
90 file path=usr/lib/elfedit/sym.so
91 file path=usr/lib/elfedit/syminfo.so
92 file path=usr/lib/llib-ll
93 file path=usr/lib/llib-ll.ln
94 file path=usr/lib/llib-ly
95 file path=usr/lib/llib-ly.ln
96 file path=usr/share/lib/ccs/gprof.callg.blurb mode=0444
97 file path=usr/share/lib/ccs/gprof.flat.blurb mode=0444
98 file path=usr/share/lib/ccs/nceucform
99 file path=usr/share/lib/ccs/ncform
100 file path=usr/share/lib/ccs/nrform
101 file path=usr/share/lib/ccs/yaccpar
102 file path=usr/share/man/man1/ar.1
103 file path=usr/share/man/man1/dis.1
104 file path=usr/share/man/man1/dump.1
105 file path=usr/share/man/man1/elfdump.1
106 file path=usr/share/man/man1/elfedit.1
107 file path=usr/share/man/man1/gprof.1
108 file path=usr/share/man/man1/lari.1
109 file path=usr/share/man/man1/lex.1
110 file path=usr/share/man/man1/lorder.1
111 file path=usr/share/man/man1/mcs.1
112 file path=usr/share/man/man1/nm.1
113 file path=usr/share/man/man1/prof.1
114 file path=usr/share/man/man1/ranlib.1
115 file path=usr/share/man/man1/rpcgen.1
116 file path=usr/share/man/man1/size.1
117 file path=usr/share/man/man1/strip.1
118 file path=usr/share/man/man1/symorder.1
119 file path=usr/share/man/man1/tsort.1
120 file path=usr/share/man/man1/unifdef.1
121 file path=usr/share/man/man1/yacc.1
122 hardlink path=usr/bin/$(ARCH64)/strip target=../bin/$(ARCH64)/mcs
123 hardlink path=usr/bin/strip target=../bin/mcs
124 legacy pkg=SUNWbtool \
125 desc="software development utilities, including ar, dis, dump, elfdump, elfe
```

```
126     name="CCS tools bundled with SunOS"
127 license cr_Sun license=cr_Sun
128 license lic_CDDL license=lic_CDDL
129 license usr/src/cmd/backup/dump/THIRDPARTYLICENSE \
130     license=usr/src/cmd/backup/dump/THIRDPARTYLICENSE
131 link path=usr/ccs/bin/$(ARCH64)/ar target=../../../../bin/$(ARCH64)/ar
132 link path=usr/ccs/bin/$(ARCH64)/dump target=../../../../bin/$(ARCH64)/dump
133 link path=usr/ccs/bin/$(ARCH64)/elfdump target=../../../../bin/$(ARCH64)/elfdump
134 link path=usr/ccs/bin/$(ARCH64)/mcs target=../../../../bin/$(ARCH64)/mcs
135 link path=usr/ccs/bin/$(ARCH64)/nm target=../../../../bin/$(ARCH64)/nm
136 link path=usr/ccs/bin/$(ARCH64)/size target=../../../../bin/$(ARCH64)/size
137 link path=usr/ccs/bin/$(ARCH64)/strip target=../../../../bin/$(ARCH64)/strip
138 link path=usr/ccs/bin/ar target=../../../../bin/ar
139 link path=usr/ccs/bin/dis target=../../../../bin/dis
140 link path=usr/ccs/bin/dump target=../../../../bin/dump
141 link path=usr/ccs/bin/elfdump target=../../../../bin/elfdump
142 link path=usr/ccs/bin/error target=../../../../bin/error
143 link path=usr/ccs/bin/gprof target=../../../../bin/gprof
144 link path=usr/ccs/bin/lari target=../../../../bin/lari
145 link path=usr/ccs/bin/lex target=../../../../bin/lex
146 link path=usr/ccs/bin/lorder target=../../../../bin/lorder
147 link path=usr/ccs/bin/mcs target=../../../../bin/mcs
148 link path=usr/ccs/bin/nm target=../../../../bin/nm
149 link path=usr/ccs/bin/prof target=../../../../bin/prof
150 link path=usr/ccs/bin/ranlib target=../../../../bin/ranlib
151 link path=usr/ccs/bin/size target=../../../../bin/size
152 link path=usr/ccs/bin/strip target=../../../../bin/strip
153 link path=usr/ccs/bin/symorder target=../../../../bin/symorder
154 link path=usr/ccs/bin/tsort target=../../../../bin/tsort
155 link path=usr/ccs/bin/unifdef target=../../../../bin/unifdef
156 link path=usr/ccs/bin/yacc target=../../../../bin/yacc
157 link path=usr/ccs/bin/yaccpar target=../../../../share/lib/ccs/yaccpar
158 link path=usr/ccs/lib/llib-ll.ln target=../../../../lib/llib-ll.ln
159 link path=usr/ccs/lib/llib-ly.ln target=../../../../lib/llib-ly.ln
160 link path=usr/lib/elfedit/32 target=
161 link path=usr/lib/elfedit/64 target=$(ARCH64)
162 depend fmri=developer/macro/cpp type=require
163 depend fmri=runtime/perl$(PERL_PKGVERS) type=require
163 depend fmri=runtime/perl-510 type=require
```

new/usr/src/pkg/manifests/developer-opensolaris-osnet.mf

1

```
*****
3137 Mon Jun  9 13:17:35 2014
new/usr/src/pkg/manifests/developer-opensolaris-osnet.mf
4911 illumos-gate perl package version is fixed
Reviewed by: Andy Stormont <astormont@racktopsystems.com>
Reviewed by: Keith Wesolowski <keith.wesolowski@joyent.com>
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24 set name=pkg.fmri value=pkg:/developer/opensolaris/osnet@$(PKGVERS)
25 set name=pkg.description \
26     value="Dependencies required to build the OS/Net Consolidation."
27 set name=pkg.summary \
28     value="Dependencies required to build the OS/Net Consolidation."
29 set name=info.classification \
30     value="org.opensolaris.category.2008:Development/Distribution Tools"
31 set name=org.opensolaris.noincorp value=true
32 set name=variant.arch value=$(ARCH)
33 depend fmri=data/docbook@0.5.11-0.133 type=require
34 depend fmri=developer/astdev@0.5.11-0.133 type=require
35 depend fmri=developer/build/make@0.5.11-0.133 type=require
36 depend fmri=developer/build/onbld@0.5.11-0.133 type=require
37 $(i386_ONLY)depend fmri=developer/gnu-binutils@2.19-0.133 type=require
38 depend fmri=developer/java/jdk@0.5.11-0.133 type=require
39 depend fmri=developer/lexer/flex@2.5.35-0.133 type=require
40 depend fmri=developer/object-file@0.5.11-0.133 type=require
41 depend fmri=developer/parser/bison@2.3-0.133 type=require
42 depend fmri=developer/versioning/mercurial@1.3.1-0.133 type=require
43 depend fmri=library/glib2@0.5.11-0.133 type=require
44 depend fmri=library/libxml2@2.7.6-0.133 type=require
45 depend fmri=library/libxslt@0.5.11-0.133 type=require
46 depend fmri=library/nspr/header-nspr@0.5.11-0.133 type=require
47 depend fmri=library/perl-5/xml-parser@0.5.11-0.133 type=require
48 depend fmri=library/security/trousers@0.3.2-0.133 type=require
49 depend fmri=print/cups@1.4.2-0.133 type=require
50 depend fmri=print/filter/ghostscript@8.64-0.133 type=require
51 depend fmri=runtime/perl$(PERL_PKGVERS)@5.10.0-0.133 type=require
52 depend fmri=runtime/perl-510/extra@5.10.0-0.133 type=require
53 depend fmri=runtime/perl-510@5.10.0-0.133 type=require
54 depend fmri=system/header@0.5.11-0.133 type=require
55 depend fmri=system/library/dbus@0.5.11-0.133 type=require
56 depend fmri=system/library/install@0.5.11-0.133 type=require
57 depend fmri=system/library/libdbus-glib@0.5.11-0.133 type=require
58 depend fmri=system/library/libdbus@0.5.11-0.133 type=require
59 depend fmri=system/library/math/header-math@0.5.11-0.133 type=require
```

new/usr/src/pkg/manifests/developer-opensolaris-osnet.mf

2

```
58 depend fmri=system/library/mozilla-nss/header-nss@0.5.11-0.133 type=require
59 depend fmri=system/library/product-registry@0.5.11-0.133 type=require
60 depend fmri=system/library/snmp/net-snmp@5.4.1-0.133 type=require
61 depend fmri=text/gnu-gettext@0.16.1-0.133 type=require
62 depend fmri=web/server/apache-13@1.3.41-0.133 type=require
```

new/usr/src/pkg/manifests/print-lp-print-client-commands.mf

1

```
*****
3655 Mon Jun 9 13:17:35 2014
new/usr/src/pkg/manifests/print-lp-print-client-commands.mf
4911 illumos-gate perl package version is fixed
Reviewed by: Andy Stormont <astormont@racktopsystems.com>
Reviewed by: Keith Wesolowski <keith.wesolowski@joyent.com>
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21 #
22 #
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24 # Copyright 2012 Nexenta Systems, Inc. All rights reserved.
25 #
26 #
27 set name=pkg.fmri value=pkg:/print/lp/print-client-commands@$(PKGVERS)
28 set name=pkg.description \
29     value="client configuration files and utilities for the print service"
30 set name=pkg.summary value="Solaris Print - Client"
31 set name=info.classification \
32     value=org.opensolaris.category.2008:System/Printing
33 set name=variant.arch value=$(ARCH)
34 dir path=usr group=sys
35 dir path=usr/bin
36 dir path=usr/lib
37 dir path=usr/lib/lp group=lp
38 dir path=usr/lib/lp/bin group=lp
39 dir path=usr/sbin
40 dir path=usr/share
41 dir path=usr/share/applications group=other
42 dir path=usr/share/gnome group=other
43 dir path=usr/share/gnome/autostart
44 dir path=usr/share/man/man1
45 dir path=usr/share/man/man1m
46 file path=usr/bin/desktop-print-management-applet mode=0555
47 file path=usr/lib/lp/bin/desktop-print-management mode=0555
48 file path=usr/lib/lp/bin/desktop-print-management-applet mode=0555
49 file path=usr/lib/lp/bin/desktop-print-management-prefs mode=0555
50 file path=usr/sbin/print-service mode=0555
51 file path=usr/share/applications/desktop-print-management-prefs.desktop
52 file path=usr/share/applications/desktop-print-management.desktop
53 file path=usr/share/gnome/autostart/desktop-print-management-applet.desktop
54 file path=usr/share/man/man1/cancel.1
55 file path=usr/share/man/man1/enable.1
56 file path=usr/share/man/man1/lp.1
57 file path=usr/share/man/man1/lpstat.1
58 file path=usr/share/man/man1m/accept.lm
59 file path=usr/share/man/man1m/lpadmin.lm
```

new/usr/src/pkg/manifests/print-lp-print-client-commands.mf

2

```
60 file path=usr/share/man/man1m/lpmove.lm
61 file path=usr/share/man/man1m/print-service.lm
62 legacy pkg=SUNWpcu \
63     desc="client configuration files and utilities for the print service" \
64     name="Solaris Print - Client, (usr)" version=13.1,REV=2009.11.11
65 license cr_Sun license=cr_Sun
66 license lic_CDDL license=lic_CDDL
67 link path=usr/bin/cancel target=../sbin/print-service
68 link path=usr/bin/desktop-print-management target=../sbin/print-service
69 link path=usr/bin/desktop-print-management-prefs target=../sbin/print-service
70 link path=usr/bin/disable target=../sbin/print-service
71 link path=usr/bin/enable target=../sbin/print-service
72 link path=usr/bin/lp target=../sbin/print-service
73 link path=usr/bin/lpc target=../sbin/print-service
74 link path=usr/bin/lpq target=../sbin/print-service
75 link path=usr/bin/lpr target=../sbin/print-service
76 link path=usr/bin/lprm target=../sbin/print-service
77 link path=usr/bin/lpstat target=../sbin/print-service
78 link path=usr/sbin/accept target=../print-service
79 link path=usr/sbin/lpadmin target=../print-service
80 link path=usr/sbin/lpmove target=../print-service
81 link path=usr/sbin/reject target=../print-service
82 link path=usr/share/man/man1/disable.1 target=enable.1
83 link path=usr/share/man/man1m/reject.lm target=accept.lm
84 depend fmri=runtime/perl$(PERL_PKGVERS) type=require
84 depend fmri=runtime/perl-510 type=require
```

new/usr/src/pkg/manifests/runtime-perl-module-sun-solaris.mf

1

```
*****
4237 Mon Jun 9 13:17:36 2014
new/usr/src/pkg/manifests/runtime-perl-module-sun-solaris.mf
4911 illumos-gate perl package version is fixed
Reviewed by: Andy Stormont <astormont@racktopsystems.com>
Reviewed by: Keith Wesolowski <keith.wesolowski@joyent.com>
*****
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21 #
22 #
23 # Copyright (c) 2010, Oracle and/or its affiliates. All rights reserved.
24 # Copyright (c) 2014 Racktop Systems.
25 #
26 #
27 $(i386_ONLY)<transform file dir path=.*PLAT.* -> edit path PLAT i86pc>
28 $(sparc_ONLY)<transform file dir path=.*PLAT.* -> edit path PLAT sun4>
29 #
30 <transform file path=.*\.(pm|bs) -> default mode 0444>
31 <transform file path=.*\.so -> default mode 0555>
32 set name=pkg.fmri \
33   value=pkg:/runtime/perl$(PERL_PKGVERS)/module/sun-solaris@0.5.11,$(PKGVERS_B
34 set name=pkg.summary value="Perl $(PERL_VERSION) Sun::Solaris Modules"
35 set name=info.classification \
36   value=org.opensolaris.category.2008:Development/Perl
37 set name=variant.arch value=$(ARCH)
38 dir path=usr group=sys
39 dir path=usr/perl5
40 dir path=usr/perl5/$(PERL_VERSION)
41 dir path=usr/perl5/$(PERL_VERSION)/lib
42 dir path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int
43 dir path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/Sun
44 dir path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/Sun/Solaris
45 dir path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/auto
46 dir path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/auto/Sun
47 dir path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/auto/Sun/Solaris
48 dir \
49   path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/auto/Sun/Solaris/Intr
50 dir \
51   path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/auto/Sun/Solaris/Kstat
52 dir \
53   path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/auto/Sun/Solaris/Lgrp
54 dir \
55   path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/auto/Sun/Solaris/Proje
56 dir \
57   path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/auto/Sun/Solaris/Task
58 dir \
59   path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/auto/Sun/Solaris/Utils
```

new/usr/src/pkg/manifests/runtime-perl-module-sun-solaris.mf

2

```
60 dir path=usr/perl5/$(PERL_VERSION)/lib/Sun
61 dir path=usr/perl5/$(PERL_VERSION)/lib/Sun/Solaris
62 dir path=usr/perl5/$(PERL_VERSION)/lib/Sun/Solaris/BSM
63 dir path=usr/share/man
64 dir path=usr/share/man/man3perl
65 file \
66   path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/Sun/Solaris/Intr
67 file \
68   path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/Sun/Solaris/Kstat
69 file path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/Sun/Solaris/Lgrp
70 file \
71   path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/Sun/Solaris/Project
72 file path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/Sun/Solaris/Task
73 file \
74   path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/Sun/Solaris/Utils
75 file \
76   path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/auto/Sun/Solaris/Intr
77 file \
78   path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/auto/Sun/Solaris/Kstat
79 file \
80   path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/auto/Sun/Solaris/Lgrp
81 file \
82   path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/auto/Sun/Solaris/Proje
83 file \
84   path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/auto/Sun/Solaris/Task
85 file \
86   path=usr/perl5/$(PERL_VERSION)/lib/PLAT-solaris-64int/auto/Sun/Solaris/Utils
87 file path=usr/perl5/$(PERL_VERSION)/lib/Sun/Solaris/BSM/_BSMparse
88 file path=usr/perl5/$(PERL_VERSION)/lib/Sun/Solaris/Pg
89 file path=usr/share/man/man3perl/Kstat.3perl
90 file path=usr/share/man/man3perl/Lgrp.3perl
91 file path=usr/share/man/man3perl/Project.3perl
92 file path=usr/share/man/man3perl/Task.3perl
93 license cr_Sun license=cr_Sun
94 license usr/src/cmd/perl/THIRDPARTYLICENSE \
95   license=usr/src/cmd/perl/THIRDPARTYLICENSE
96 #endif /* ! codereview */
```

new/usr/src/pkg/manifests/service-network-smtp-sendmail.mf

1

```
*****
11461 Mon Jun 9 13:17:37 2014
new/usr/src/pkg/manifests/service-network-smtp-sendmail.mf
4911 illumos-gate perl package version is fixed
Reviewed by: Andy Stormont <astormont@racktopsystems.com>
Reviewed by: Keith Wesolowski <keith.wesolowski@joyent.com>
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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 \
28     value=pkg:/service/network/smtp/sendmail@8.14.4,${PKGVERS_BUILTON}-${PKGVERS}
29 set name=pkg.description value="Sendmail Utilities"
30 set name=pkg.summary value=Sendmail
31 set name=info.classification value=org.opensolaris.category.2008:System/Core
32 set name=variant.arch value=${ARCH}
33 dir path=etc group=sys
34 dir path=etc/init.d group=sys
35 dir path=etc/mail group=mail
36 dir path=etc/mail/cf group=mail
37 dir path=etc/mail/cf/cf group=mail
38 dir path=etc/mail/cf/domain group=mail
39 dir path=etc/mail/cf/feature group=mail
40 dir path=etc/mail/cf/m4 group=mail
41 dir path=etc/mail/cf/mailler group=mail
42 dir path=etc/mail/cf/ostype group=mail
43 dir path=etc/mail/cf/sh group=mail
44 dir path=lib
45 dir path=lib/svc
46 dir path=lib/svc/manifest group=sys
47 dir path=lib/svc/manifest/network group=sys
48 dir path=lib/svc/method
49 dir path=lib/svc/share
50 dir path=usr group=sys
51 dir path=usr/bin
52 dir path=usr/include
53 dir path=usr/include/libmilter
54 dir path=usr/lib
55 dir path=usr/lib/help
56 dir path=usr/lib/help/auths
57 dir path=usr/lib/help/auths/locale
58 dir path=usr/lib/help/auths/locale/C
59 dir path=usr/sbin
```

new/usr/src/pkg/manifests/service-network-smtp-sendmail.mf

2

```
60 dir path=usr/share/man
61 dir path=usr/share/man/man1
62 dir path=usr/share/man/man1m
63 dir path=usr/share/man/man4
64 dir path=var group=sys
65 dir path=var/adm group=sys mode=0775
66 dir path=var/adm/sm.bin group=sys
67 dir path=var/spool
68 dir path=var/spool/clientmqueue group=smmssp mode=0770 owner=smmssp
69 dir path=var/spool/mqueue mode=0750
70 file path=etc/init.d/sendmail group=sys mode=0744 \
71     original_name=SUNWnsndm:etc/init.d/sendmail preserve=true
72 file path=etc/mail/aliases original_name=SUNWnsndm:etc/mail/aliases \
73     preserve=true
74 file path=etc/mail/cf/README group=mail mode=0444
75 file path=etc/mail/cf/cf/Makefile group=mail mode=0444
76 file path=etc/mail/cf/cf/sendmail.cf group=mail mode=0444
77 file path=etc/mail/cf/cf/sendmail.mc group=mail mode=0444
78 file path=etc/mail/cf/cf/submit.cf group=mail mode=0444
79 file path=etc/mail/cf/cf/submit.mc group=mail mode=0444
80 file path=etc/mail/cf/domain/generic.m4 group=mail mode=0444
81 file path=etc/mail/cf/domain/solaris-antispam.m4 group=mail mode=0444
82 file path=etc/mail/cf/domain/solaris-generic.m4 group=mail mode=0444
83 file path=etc/mail/cf/feature/accept_unqualified_senders.m4 group=mail \
84     mode=0444
85 file path=etc/mail/cf/feature/accept_unresolvable_domains.m4 group=mail \
86     mode=0444
87 file path=etc/mail/cf/feature/access_db.m4 group=mail mode=0444
88 file path=etc/mail/cf/feature/allmasquerade.m4 group=mail mode=0444
89 file path=etc/mail/cf/feature/always_add_domain.m4 group=mail mode=0444
90 file path=etc/mail/cf/feature/badmx.m4 group=mail mode=0444
91 file path=etc/mail/cf/feature/bestmx_is_local.m4 group=mail mode=0444
92 file path=etc/mail/cf/feature/bitdomain.m4 group=mail mode=0444
93 file path=etc/mail/cf/feature/blacklist_recipients.m4 group=mail mode=0444
94 file path=etc/mail/cf/feature/block_bad_helo.m4 group=mail mode=0444
95 file path=etc/mail/cf/feature/compat_check.m4 group=mail mode=0444
96 file path=etc/mail/cf/feature/conncontrol.m4 group=mail mode=0444
97 file path=etc/mail/cf/feature/delay_checks.m4 group=mail mode=0444
98 file path=etc/mail/cf/feature/dnsbl.m4 group=mail mode=0444
99 file path=etc/mail/cf/feature/domaintable.m4 group=mail mode=0444
100 file path=etc/mail/cf/feature/enhdnsbl.m4 group=mail mode=0444
101 file path=etc/mail/cf/feature/generics_entire_domain.m4 group=mail mode=0444
102 file path=etc/mail/cf/feature/genericstable.m4 group=mail mode=0444
103 file path=etc/mail/cf/feature/greet_pause.m4 group=mail mode=0444
104 file path=etc/mail/cf/feature/ldap_routing.m4 group=mail mode=0444
105 file path=etc/mail/cf/feature/limited_masquerade.m4 group=mail mode=0444
106 file path=etc/mail/cf/feature/local_lmtp.m4 group=mail mode=0444
107 file path=etc/mail/cf/feature/local_no_masquerade.m4 group=mail mode=0444
108 file path=etc/mail/cf/feature/local_procmailer.m4 group=mail mode=0444
109 file path=etc/mail/cf/feature/lookupdotdomain.m4 group=mail mode=0444
110 file path=etc/mail/cf/feature/loose_relay_check.m4 group=mail mode=0444
111 file path=etc/mail/cf/feature/mailertable.m4 group=mail mode=0444
112 file path=etc/mail/cf/feature/masquerade_entire_domain.m4 group=mail mode=0444
113 file path=etc/mail/cf/feature/masquerade_envelope.m4 group=mail mode=0444
114 file path=etc/mail/cf/feature/msp.m4 group=mail mode=0444
115 file path=etc/mail/cf/feature/mtamark.m4 group=mail mode=0444
116 file path=etc/mail/cf/feature/no_default_msa.m4 group=mail mode=0444
117 file path=etc/mail/cf/feature/nocanonify.m4 group=mail mode=0444
118 file path=etc/mail/cf/feature/notsticky.m4 group=mail mode=0444
119 file path=etc/mail/cf/feature/noucp.m4 group=mail mode=0444
120 file path=etc/mail/cf/feature/nullclient.m4 group=mail mode=0444
121 file path=etc/mail/cf/feature/preserve_local_plus_detail.m4 group=mail \
122     mode=0444
123 file path=etc/mail/cf/feature/preserve_luser_host.m4 group=mail mode=0444
124 file path=etc/mail/cf/feature/promiscuous_relay.m4 group=mail mode=0444
125 file path=etc/mail/cf/feature/queugroup.m4 group=mail mode=0444
```

new/usr/src/pkg/manifests/service-network-smtp-sendmail.mf

3

```

126 file path=etc/mail/cf/feature/ratecontrol.m4 group=mail mode=0444
127 file path=etc/mail/cf/feature/redirect.m4 group=mail mode=0444
128 file path=etc/mail/cf/feature/relay_based_on_MX.m4 group=mail mode=0444
129 file path=etc/mail/cf/feature/relay_entire_domain.m4 group=mail mode=0444
130 file path=etc/mail/cf/feature/relay_hosts_only.m4 group=mail mode=0444
131 file path=etc/mail/cf/feature/relay_local_from.m4 group=mail mode=0444
132 file path=etc/mail/cf/feature/relay_mail_from.m4 group=mail mode=0444
133 file path=etc/mail/cf/feature/require_rdns.m4 group=mail mode=0444
134 file path=etc/mail/cf/feature/smrsh.m4 group=mail mode=0444
135 file path=etc/mail/cf/feature/stickyhost.m4 group=mail mode=0444
136 file path=etc/mail/cf/feature/use_client_ptr.m4 group=mail mode=0444
137 file path=etc/mail/cf/feature/use_ct_file.m4 group=mail mode=0444
138 file path=etc/mail/cf/feature/use_cw_file.m4 group=mail mode=0444
139 file path=etc/mail/cf/feature/uucpdomain.m4 group=mail mode=0444
140 file path=etc/mail/cf/feature/virtuser_entire_domain.m4 group=mail mode=0444
141 file path=etc/mail/cf/feature/virtuserertable.m4 group=mail mode=0444
142 file path=etc/mail/cf/m4/cf.m4 group=mail mode=0444
143 file path=etc/mail/cf/m4/cfhead.m4 group=mail mode=0444
144 file path=etc/mail/cf/m4/proto.m4 group=mail mode=0444
145 file path=etc/mail/cf/m4/version.m4 group=mail mode=0444
146 file path=etc/mail/cf/mailler/local.m4 group=mail mode=0444
147 file path=etc/mail/cf/mailler/procmail.m4 group=mail mode=0444
148 file path=etc/mail/cf/mailler/smtp.m4 group=mail mode=0444
149 file path=etc/mail/cf/mailler/uucp.m4 group=mail mode=0444
150 file path=etc/mail/cf/ostype/solaris2.m4 group=mail mode=0444
151 file path=etc/mail/cf/ostype/solaris2.ml.m4 group=mail mode=0444
152 file path=etc/mail/cf/ostype/solaris2.pre5.m4 group=mail mode=0444
153 file path=etc/mail/cf/ostype/solaris8.m4 group=mail mode=0444
154 file path=etc/mail/cf/sh/makeinfo.sh group=mail mode=0444
155 file path=etc/mail/helpfile
156 file path=etc/mail/local-host-names \
157   original_name=SUNWnsndm/etc/mail/local-host-names preserve=true
158 file path=etc/mail/sendmail.cf mode=0444 \
159   original_name=SUNWnsndm/etc/mail/sendmail.cf preserve=renameold
160 file path=etc/mail/submit.cf mode=0444 \
161   original_name=SUNWnsndm/etc/mail/submit.cf preserve=renameold
162 file path=etc/mail/trusted-users original_name=SUNWnsndm/etc/mail/trusted-users \
163   preserve=true
164 file path=lib/svc/manifest/network/sendmail-client.xml group=sys mode=0444
165 file path=lib/svc/manifest/network/smtp-sendmail.xml group=sys mode=0444
166 file path=lib/svc/method/sendmail-client mode=0555
167 file path=lib/svc/method/smtp-sendmail mode=0555
168 file path=lib/svc/share/sendmail_include.sh mode=0444
169 file path=usr/bin/mailcompat mode=0555
170 file path=usr/bin/mailq mode=0555
171 file path=usr/bin/mailstats mode=0555
172 file path=usr/bin/mconnect mode=0555
173 file path=usr/bin/praliases mode=0555
174 file path=usr/bin/vacation mode=0555
175 file path=usr/include/libmilter/README
176 file path=usr/include/libmilter/mfapi.h
177 file path=usr/include/libmilter/mfdef.h
178 file path=usr/lib/help/auths/locale/C/MailHeader.html
179 file path=usr/lib/help/auths/locale/C/MailQueue.html
180 file path=usr/lib/libmilter.so.1
181 file path=usr/lib/l1ib-lmilter
182 file path=usr/lib/l1ib-lmilter.ln
183 file path=usr/lib/mail.local mode=0555
184 file path=usr/lib/sendmail group=smmsp mode=2555
185 file path=usr/lib/smrsh mode=0555
186 file path=usr/sbin/check-hostname group=mail mode=0555
187 file path=usr/sbin/check-permissions group=mail mode=0555
188 file path=usr/sbin/editmap mode=0555
189 file path=usr/sbin/etrn mode=0555
190 file path=usr/sbin/makemap mode=0555
191 file path=usr/share/man/man1/mailcompat.1

```

new/usr/src/pkg/manifests/service-network-smtp-sendmail.mf

4

```

192 file path=usr/share/man/man1/mailq.1
193 file path=usr/share/man/man1/mailstats.1
194 file path=usr/share/man/man1/mconnect.1
195 file path=usr/share/man/man1/praliases.1
196 file path=usr/share/man/man1/vacation.1
197 file path=usr/share/man/man1m/check-hostname.lm
198 file path=usr/share/man/man1m/check-permissions.lm
199 file path=usr/share/man/man1m/editmap.lm
200 file path=usr/share/man/man1m/etrn.lm
201 file path=usr/share/man/man1m/makemap.lm
202 file path=usr/share/man/man1m/newaliases.lm
203 file path=usr/share/man/man1m/sendmail.lm
204 file path=usr/share/man/man1m/smrsh.lm
205 file path=usr/share/man/man4/alias.4
206 file path=usr/share/man/man4/aliases.4
207 file path=usr/share/man/man4/sendmail.4
208 legacy pkg=SUNWnsndm desc="Sendmail Configuration Files" \
209   name="Sendmail (root)"
210 legacy pkg=SUNWnsndm desc="Sendmail Utilities" name="Sendmail (/usr)"
211 license cr_Sun license=cr_Sun
212 license lic_CDDL license=lic_CDDL
213 license usr/src/cmd/sendmail/THIRDPARTYLICENSE \
214   license=usr/src/cmd/sendmail/THIRDPARTYLICENSE
215 link path=etc/aliases target=/mail/aliases
216 link path=etc/mail/cf/cf/main.cf target=sendmail.cf
217 link path=etc/mail/cf/cf/main.mc target=sendmail.mc
218 link path=etc/mail/cf/cf/subsidiary.cf target=sendmail.cf
219 link path=etc/mail/cf/cf/subsidiary.mc target=sendmail.mc
220 link path=etc/mail/cf/sh/check-hostname \
221   target=../../../../usr/sbin/check-hostname
222 link path=etc/mail/cf/sh/check-permissions \
223   target=../../../../usr/sbin/check-permissions
224 link path=etc/mail/main.cf target=sendmail.cf
225 link path=etc/mail/sendmail.hf target=helpfile
226 link path=etc/mail/subsidiary.cf target=sendmail.cf
227 link path=usr/lib/libmilter.so target=libmilter.so.1
228 link path=usr/lib/mail target=/etc/mail/cf
229 link path=usr/sbin/newaliases target=/lib/sendmail
230 link path=usr/sbin/sendmail target=/lib/sendmail
231 link path=usr/share/man/man4/addresses.4 target=aliases.4
232 link path=usr/share/man/man4/forward.4 target=aliases.4
233 link path=usr/share/man/man4/sendmail.cf.4 target=sendmail.4
234 link path=usr/share/man/man4/submit.cf.4 target=sendmail.4
235 depend fmri=runtime/perl$(PERL_PKGVERS) type=require
235 depend fmri=runtime/perl-510 type=require

```

new/usr/src/pkg/manifests/system-extended-system-utilities.mf

1

```
*****
11956 Mon Jun 9 13:17:37 2014
new/usr/src/pkg/manifests/system-extended-system-utilities.mf
4911 illumos-gate perl package version is fixed
Reviewed by: Andy Stormont <astormont@racktopsystems.com>
Reviewed by: Keith Wesolowski <keith.wesolowski@joyent.com>
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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
```

new/usr/src/pkg/manifests/system-extended-system-utilities.mf

2

```
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
100 file path=usr/bin/cal mode=0555
101 file path=usr/bin/calendar mode=0555
102 file path=usr/bin/col mode=0555
103 file path=usr/bin/compress mode=0555
104 file path=usr/bin/csplot mode=0555
105 file path=usr/bin/dc mode=0555
106 file path=usr/bin/diff mode=0555
107 file path=usr/bin/diff3 mode=0555
108 file path=usr/bin/dircmp mode=0555
109 file path=usr/bin/dos2unix mode=0555
110 file path=usr/bin/expand mode=0555
111 file path=usr/bin/factor mode=0555
112 file path=usr/bin/kstat mode=0555
113 file path=usr/bin/last mode=0555
114 file path=usr/bin/lastcomm mode=0555
115 file path=usr/bin/lgrpinfo mode=0555
116 file path=usr/bin/look mode=0755
117 file path=usr/bin/mkfifo mode=0555
118 file path=usr/bin/nawk mode=0555
119 file path=usr/bin/newform mode=0555
120 file path=usr/bin/news mode=0555
121 file path=usr/bin/nl mode=0555
122 file path=usr/bin/pack mode=0555
123 file path=usr/bin/pginfo mode=0555
124 file path=usr/bin/pgstat mode=0555
125 file path=usr/bin/sdiff mode=0555
```



```

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

```

```

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

```

```
258 link path=usr/bin/strace target=../sbin/strace
259 link path=usr/dict target=../share/lib/dict
260 link path=usr/proc/bin/pcred target=../bin/pcred
261 link path=usr/proc/bin/pfiles target=../bin/pfiles
262 link path=usr/proc/bin/pflags target=../bin/pflags
263 link path=usr/proc/bin/pldd target=../bin/pldd
264 link path=usr/proc/bin/pmap target=../bin/pmap
265 link path=usr/proc/bin/prun target=../bin/prun
266 link path=usr/proc/bin/psig target=../bin/psig
267 link path=usr/proc/bin/pstack target=../bin/pstack
268 link path=usr/proc/bin/pstop target=../bin/pstop
269 link path=usr/proc/bin/ptime target=../bin/ptime
270 link path=usr/proc/bin/ptree target=../bin/ptree
271 link path=usr/proc/bin/pwait target=../bin/pwait
272 link path=usr/proc/bin/pwdx target=../bin/pwdx
273 link path=usr/share/man/man1/hashcheck.1 target=spell.1
274 link path=usr/share/man/man1/hashmake.1 target=spell.1
275 link path=usr/share/man/man1/pcat.1 target=pack.1
276 link path=usr/share/man/man1/spellin.1 target=spell.1
277 link path=usr/share/man/man1/uncompress.1 target=compress.1
278 link path=usr/share/man/man1/unexpand.1 target=expand.1
279 link path=usr/share/man/man1/unpack.1 target=pack.1
280 link path=usr/share/man/man1/zcat.1 target=compress.1
281 depend fmri=runtime/perl$(PERL_PKGVERS) type=require
281 depend fmri=runtime/perl-510 type=require
```