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*****
34807 Mon Jul 14 17:47:57 2014
new/usr/src/Makefile.master
4964 nl_langinfo(CRNCYSTR) returns wrong alignment character
4999 libc test suite enhancements
4939 desire wcsnrtoombs() function
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*****
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26 #
27 #
28 #
29 # Makefile.master, global definitions for system source
30 #
31 ROOT= /proto
32 #
33 #
34 # Adjunct root, containing an additional proto area to be used for headers
35 # and libraries.
36 #
37 ADJUNCT_PROTO=
38 #
39 #
40 # Adjunct for building things that run on the build machine.
41 #
42 NATIVE_ADJUNCT= /usr
43 #
44 #
45 # RELEASE_BUILD should be cleared for final release builds.
46 # NOT_RELEASE_BUILD is exactly what the name implies.
47 #
48 # __GNUC toggles the building of ON components using gcc and related tools.
49 # Normally set to '#', set it to '' to do gcc build.
50 #
51 # The declaration POUND_SIGN is always '#'. This is needed to get around the
52 # make feature that '#' is always a comment delimiter, even when escaped or
53 # quoted. We use this macro expansion method to get POUND_SIGN rather than
54 # always breaking out a shell because the general case can cause a noticeable
55 # slowdown in build times when so many Makefiles include Makefile.master.

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56 #
57 # While the majority of users are expected to override the setting below
58 # with an env file (via nightly or bldenv), if you aren't building that way
59 # (ie, you're using "ws" or some other bootstrapping method) then you need
60 # this definition in order to avoid the subshell invocation mentioned above.
61 #
62 #
63 PRE_POUND= pre\#
64 POUND_SIGN= $(PRE_POUND:pre\#=%)
65 #
66 NOT_RELEASE_BUILD=
67 RELEASE_BUILD= $(POUND_SIGN)
68 $(RELEASE_BUILD)NOT_RELEASE_BUILD= $(POUND_SIGN)
69 PATCH_BUILD= $(POUND_SIGN)
70 #
71 # SPARC_BLD is '#' for an Intel build.
72 # INTEL_BLD is '#' for a Sparc build.
73 SPARC_BLD_1= $(MACH:i386=$(POUND_SIGN))
74 SPARC_BLD= $(SPARC_BLD_1:sparc=)
75 INTEL_BLD_1= $(MACH:sparc=$(POUND_SIGN))
76 INTEL_BLD= $(INTEL_BLD_1:i386=)
77 #
78 # The variables below control the compilers used during the build.
79 # There are a number of permutations.
80 #
81 # __GNUC and __SUNC control (and indicate) the primary compiler. Whichever
82 # one is not POUND_SIGN is the primary, with the other as the shadow. They
83 # may also be used to control entirely compiler-specific Makefile assignments.
84 # __GNUC and GCC are the default.
85 #
86 # __GNUC64 indicates that the 64bit build should use the GNU C compiler.
87 # There is no Sun C analogue.
88 #
89 # The following version-specific options are operative regardless of which
90 # compiler is primary, and control the versions of the given compilers to be
91 # used. They also allow compiler-version specific Makefile fragments.
92 #
93 #
94 __SUNC= $(POUND_SIGN)
95 $(__SUNC)__GNUC= $(POUND_SIGN)
96 __GNUC64= $(__GNUC)
97 #
98 # CLOSED is the root of the tree that contains source which isn't released
99 # as open source
100 CLOSED= $(SRC)/../closed
101 #
102 # BUILD_TOOLS is the root of all tools including compilers.
103 # ONBLD_TOOLS is the root of all the tools that are part of SUNWonbld.
104 #
105 BUILD_TOOLS= /ws/onnv-tools
106 ONBLD_TOOLS= $(BUILD_TOOLS)/onbld
107 #
108 JAVA_ROOT= /usr/java
109 #
110 SFW_ROOT= /usr/sfw
111 SFWINCDIR= $(SFW_ROOT)/include
112 SFWLIBDIR= $(SFW_ROOT)/lib
113 SFWLIBDIR64= $(SFW_ROOT)/lib/$(MACH64)
114 #
115 GCC_ROOT= /opt/gcc/4.4.4
116 GCCLIBDIR= $(GCC_ROOT)/lib
117 GCCLIBDIR64= $(GCC_ROOT)/lib/$(MACH64)
118 #
119 DOCBOK_XSL_ROOT= /usr/share/sgml/docbook/xsl-stylesheets
120 #
121 RPCGEN= /usr/bin/rpcgen

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new/usr/src/Makefile.master

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122 STABS= $(ONBLD_TOOLS)/bin/$(MACH)/stabs
123 ELFXTRACT= $(ONBLD_TOOLS)/bin/$(MACH)/elfextract
124 MBH_PATCH= $(ONBLD_TOOLS)/bin/$(MACH)/mbh_patch
125 ECHO= echo
126 INS= install
127 TRUE= true
128 SYMLINK= /usr/bin/ln -s
129 LN= /usr/bin/ln
130 CHMOD= /usr/bin/chmod
131 MV= /usr/bin/mv -f
132 RM= /usr/bin/rm -f
133 CUT= /usr/bin/cut
134 NM= /usr/ccs/bin/nm
135 DIFF= /usr/bin/diff
136 GREP= /usr/bin/grep
137 EGREP= /usr/bin/egrep
138 ELFWRAP= /usr/bin/elfwrap
139 KSH93= /usr/bin/ksh93
140 SED= /usr/bin/sed
141 NAWK= /usr/bin/nawk
142 CP= /usr/bin/cp -f
143 MCS= /usr/ccs/bin/mcs
144 CAT= /usr/bin/cat
145 ELFDUMP= /usr/ccs/bin/elfdump
146 M4= /usr/ccs/bin/m4
147 STRIP= /usr/ccs/bin/strip
148 LEX= /usr/ccs/bin/lex
149 FLEX= $(SFW_ROOT)/bin/flex
150 YACC= /usr/ccs/bin/yacc
151 CPP= /usr/lib/cpp
152 JAVAC= $(JAVA_ROOT)/bin/javac
153 JAVAH= $(JAVA_ROOT)/bin/javah
154 JAVADOC= $(JAVA_ROOT)/bin/javadoc
155 RMIC= $(JAVA_ROOT)/bin/rmic
156 JAR= $(JAVA_ROOT)/bin/jar
157 CTFCONVERT= $(ONBLD_TOOLS)/bin/$(MACH)/ctfconvert
158 CTFMERGE= $(ONBLD_TOOLS)/bin/$(MACH)/ctfmerge
159 CTFSTABS= $(ONBLD_TOOLS)/bin/$(MACH)/ctfstabs
160 CTFSTRIP= $(ONBLD_TOOLS)/bin/$(MACH)/ctfstrip
161 NDRGEN= $(ONBLD_TOOLS)/bin/$(MACH)/ndrgen
162 GENOFFSETS= $(ONBLD_TOOLS)/bin/genoffsets
163 CTFCVTPTBL= $(ONBLD_TOOLS)/bin/ctfcvtptbl
164 CTFINDMOD= $(ONBLD_TOOLS)/bin/ctffindmod
165 XREF= $(ONBLD_TOOLS)/bin/xref
166 FIND= /usr/bin/find
167 PERL= /usr/bin/perl
168 PERL_VERSION= 5.10.0
169 PERL_PKGVERS= -510
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

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187 #

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new/usr/src/Makefile.master

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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

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.configd-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.

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

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 CCREGSYM=        -Qoption cg -Qiselect-regsym=0

293 # Prevent the removal of static symbols by the SPARC code generator (cg).
294 # The x86 code generator (ube) does not remove such symbols and as such
295 # using this workaround is not applicable for x86.
296 #
297 CCSTATSYMSYM=   -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;

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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
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

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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
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 #

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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)
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

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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
522 # the best we can manage.
523 #
524 CUSERFLAGS           =
525 CUSERFLAGS64         = $(CUSERFLAGS)
526 CCUSERFLAGS          =
527 CCUSERFLAGS64        = $(CCUSERFLAGS)
528
529 CSOURCEDEBUGFLAGS    =
530 CCSOURCEDEBUGFLAGS   =
531 $(SRCDBGBLD)CSOURCEDEBUGFLAGS = -g -xs
532 $(SRCDBGBLD)CCSOURCEDEBUGFLAGS = -g -xs
533
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) $(CUSERFLAGS)
550
551 DTEXTDOM=-DTEXT_DOMAIN="\$(TEXT_DOMAIN)" # For messaging.
552 DTS_ERRNO=-D_TS_ERRNO
553 CPPFLAGS.master=$(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
561
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 DCMMSGDOMAIN= $(MSGROOT)/LC_TIME/$(TEXT_DOMAIN)
570 DCMMSGDOMAINPOFILE = $(DCMMSGDOMAIN)/$(DCFILE:.dc=.po)
571
572 CLOBBERFILES += $(POFILE) $(POFILES)
573 COMPILE.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
588
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)
605
606 sparc_CCOPTFLAG=     -O
607 sparcv9_CCOPTFLAG=   -O
608 i386_CCOPTFLAG=      -O
609 amd64_CCOPTFLAG=     -O
610
611 CCOPTFLAG=           $($ (MACH)_CCOPTFLAG)
612 CCOPTFLAG64=         $($ (MACH64)_CCOPTFLAG)
613 CCFLAGS=             $(COPTFLAG) $($ (MACH)_CCFLAGS) $(CSOURCEDEBUGFLAGS) \
614                      $(CUSERFLAGS)
615 CCFLAGS64=           $(COPTFLAG64) $($ (MACH64)_CCFLAGS) $(CSOURCEDEBUGFLAGS) \
616                      $(CUSERFLAGS64)
617
618 #
619 #
620 #
621 ELFWRAP_FLAGS =
622 ELFWRAP_FLAGS64 =   -64
623
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
635
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 $(__GNUC64)MAPFILE.NGB_amd64= \
651     $(SRC)/common/mapfiles/gen/amd64_gcc_map.noexeglobs
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 and LDLIBS64 can be set in the environment to override the following
662 # assignments.
663 #
664 # LDLIBS32 can be set in the environment to override the following assignment.
665 # LDLIBS64 can be set to override the assignment made in Makefile.master.64.
666 # These environment settings make sure that no libraries are searched outside
667 # of the local workspace proto area:
668 #
669 LDLIBS32=-YP,$ROOT/lib:$ROOT/usr/lib
670 LDLIBS64=-YP,$ROOT/lib:$MACH64:$ROOT/usr/lib:$MACH64
671
672 LDLIBS32 = $(ENVLDLIBS1) $(ENVLDLIBS2) $(ENVLDLIBS3)
673 LDLIBS32 += $(ADJUNCT_PROTO:%=-L%/usr/lib -L%/lib)
674 LDLIBS.cmd = $(LDLIBS32)
675 LDLIBS.lib = $(LDLIBS32)

676 LDLIBS64 = $(ENVLDLIBS1:%=%/$(MACH64)) \
677             $(ENVLDLIBS2:%=%/$(MACH64)) \
678             $(ENVLDLIBS3:%=%/$(MACH64))
679 LDLIBS64 += $(ADJUNCT_PROTO:%=-L%/usr/lib/$(MACH64) -L%/lib/$(MACH64))

680 # Define compilation macros.
681 #
682 COMPILE.c= $(CC) $(CFLAGS) $(CPPFLAGS) -c
683 COMPILE64.c= $(CC) $(CFLAGS64) $(CPPFLAGS) -c
684 COMPILE.cc= $(CCC) $(CCFLAGS) $(CPPFLAGS) -c
685 COMPILE64.cc= $(CCC) $(CCFLAGS64) $(CPPFLAGS) -c
686 COMPILE.s= $(AS) $(ASFLAGS) $(AS_CPPFLAGS)
687 COMPILE64.s= $(AS) $(ASFLAGS) $(MACH64)_AS_XARCH $(AS_CPPFLAGS)
688 COMPILE.d= $(DTRACE) -G -32
689 COMPILE64.d= $(DTRACE) -G -64
690 COMPILE.b= $(ELFWRAP) $(ELFWRAP_FLAGS$(CLASS))
691 COMPILE64.b= $(ELFWRAP) $(ELFWRAP_FLAGS$(CLASS))

693 CLASSPATH= .
694 COMPILE.java= $(JAVAC) $(JAVAFLAGS) -classpath $(CLASSPATH)

696 #
697 # Link time macros
698 #
699 CCNEEDED = -lC
700 CCEXTNEEDED = -lCrun -lCstd
701 $(__GNUC)CCNEEDED = -L$(GCCLIBDIR) -lstlstdc++ -lgcc_s
702 $(__GNUC)CCEXTNEEDED = $(CCNEEDED)

704 LINK.c= $(CC) $(CFLAGS) $(CPPFLAGS) $(LDLFLAGS)
705 LINK64.c= $(CC) $(CFLAGS64) $(CPPFLAGS) $(LDLFLAGS)
706 NORUNPATH= -norunpath -nolib
707 LINK.cc= $(CCC) $(CCFLAGS) $(CPPFLAGS) $(NORUNPATH) \
708           $(LDLFLAGS) $(CCNEEDED)
709 LINK64.cc= $(CCC) $(CCFLAGS64) $(CPPFLAGS) $(NORUNPATH) \
710            $(LDLFLAGS) $(CCNEEDED)

712 #
713 # lint macros

```

```

714 #
715 # Note that the undefine of __PRAGMA_REDEFINE_EXTNAME can be removed once
716 # ON is built with a version of lint that has the fix for 4484186.
717 #
718 ALWAYS_LINT_DEFS = -errtags=yes -s
719 ALWAYS_LINT_DEFS += -erroff=E_PTRDIFF_OVERFLOW
720 ALWAYS_LINT_DEFS += -erroff=E_ASSIGN_NARROW_CONV
721 ALWAYS_LINT_DEFS += -U__PRAGMA_REDEFINE_EXTNAME
722 ALWAYS_LINT_DEFS += $(C99LMODE)
723 ALWAYS_LINT_DEFS += -errsecurity=$(SECLEVEL)
724 ALWAYS_LINT_DEFS += -erroff=E_SEC_CREAT_WITHOUT_EXCL
725 ALWAYS_LINT_DEFS += -erroff=E_SEC_FORBIDDEN_WARN_CREAT
726 # XX64 -- really only needed for amd64 lint
727 ALWAYS_LINT_DEFS += -erroff=E_ASSIGN_INT_TO_SMALL_INT
728 ALWAYS_LINT_DEFS += -erroff=E_CAST_INT_CONST_TO_SMALL_INT
729 ALWAYS_LINT_DEFS += -erroff=E_CAST_INT_TO_SMALL_INT
730 ALWAYS_LINT_DEFS += -erroff=E_CAST_TO_PTR_FROM_INT
731 ALWAYS_LINT_DEFS += -erroff=E_COMP_INT_WITH_LARGE_INT
732 ALWAYS_LINT_DEFS += -erroff=E_INTEGRAL_CONST_EXP_EXPECTED
733 ALWAYS_LINT_DEFS += -erroff=E_PASS_INT_TO_SMALL_INT
734 ALWAYS_LINT_DEFS += -erroff=E_PTR_CONV_LOSES_BITS

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

740 SECLEVEL= core
741 LINT.c= $(LINT) $(ONLY_LINT_DEFS) $(LINTFLAGS) $(CPPFLAGS) \
742         $(ALWAYS_LINT_DEFS)
743 LINT64.c= $(LINT) $(ONLY_LINT_DEFS) $(LINTFLAGS64) $(CPPFLAGS) \
744          $(ALWAYS_LINT_DEFS)
745 LINT.s= $(LINT.c)

747 # For some future builds, NATIVE_MACH and MACH might be different.
748 # Therefore, NATIVE_MACH needs to be redefined in the
749 # environment as 'uname -p' to override this macro.
750 #
751 # For now at least, we cross-compile amd64 on i386 machines.
752 NATIVE_MACH= $(MACH:amd64=i386)

754 # Define native compilation macros
755 #

757 # Base directory where compilers are loaded.
758 # Defined here so it can be overridden by developer.
759 #
760 SPRO_ROOT= $(BUILD_TOOLS)/SUNWspr0
761 SPRO_VROOT= $(SPRO_ROOT)/SS12
762 GNU_ROOT= $(SFW_ROOT)

764 # Till SS12ul formally becomes the NV CBE, LINT is hard
765 # coded to be picked up from the $SPRO_ROOT/sunstudio12.1/
766 # location. Impacted variables are sparc_LINT, sparcv9_LINT,
767 # i386_LINT, amd64_LINT.
768 # Reset them when SS12ul is rolled out.
769 #

771 # Specify platform compiler versions for languages
772 # that we use (currently only c and c++).
773 #
774 sparc_CC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_cc
775 $(__GNUC)sparc_CC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_gcc
776 sparc_CCC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_CC
777 $(__GNUC)sparc_CCC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_g++
778 sparc_CPP= /usr/ccs/lib/cpp
779 sparc_AS= /usr/ccs/bin/as -xregsym=no

```

```

780 sparc_LD=          /usr/ccs/bin/ld
781 sparc_LINT=        $(SPRO_ROOT)/sunstudio12.1/bin/lint

783 sparcv9_CC=        $(ONBLD_TOOLS)/bin/$(MACH)/cw -_cc
784 $(__GNU64)sparcv9_CC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_gcc
785 sparcv9_CCC=        $(ONBLD_TOOLS)/bin/$(MACH)/cw -_CC
786 $(__GNU64)sparcv9_CCC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_g++
787 sparcv9_CPP=        /usr/ccs/lib/cpp
788 sparcv9_AS=         /usr/ccs/bin/as -xregsym=no
789 sparcv9_LD=         /usr/ccs/bin/ld
790 sparcv9_LINT=       $(SPRO_ROOT)/sunstudio12.1/bin/lint

792 i386_CC=           $(ONBLD_TOOLS)/bin/$(MACH)/cw -_cc
793 $(__GNU64)i386_CC=  $(ONBLD_TOOLS)/bin/$(MACH)/cw -_gcc
794 i386_CCC=           $(ONBLD_TOOLS)/bin/$(MACH)/cw -_CC
795 $(__GNU64)i386_CCC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_g++
796 i386_CPP=          /usr/ccs/lib/cpp
797 i386_AS=            /usr/ccs/bin/as
798 $(__GNU64)i386_AS=  $(ONBLD_TOOLS)/bin/$(MACH)/aw
799 i386_LD=            /usr/ccs/bin/ld
800 i386_LINT=          $(SPRO_ROOT)/sunstudio12.1/bin/lint

802 amd64_CC=           $(ONBLD_TOOLS)/bin/$(MACH)/cw -_cc
803 $(__GNU64)amd64_CC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_gcc
804 amd64_CCC=          $(ONBLD_TOOLS)/bin/$(MACH)/cw -_CC
805 $(__GNU64)amd64_CCC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_g++
806 amd64_CPP=          /usr/ccs/lib/cpp
807 amd64_AS=           $(ONBLD_TOOLS)/bin/$(MACH)/aw
808 amd64_LD=           /usr/ccs/bin/ld
809 amd64_LINT=         $(SPRO_ROOT)/sunstudio12.1/bin/lint

811 NATIVECC=          $( $(NATIVE_MACH)_CC )
812 NATIVECCC=         $( $(NATIVE_MACH)_CCC )
813 NATIVECPP=         $( $(NATIVE_MACH)_CPP )
814 NATIVEAS=          $( $(NATIVE_MACH)_AS )
815 NATIVELD=          $( $(NATIVE_MACH)_LD )
816 NATIVELINT=        $( $(NATIVE_MACH)_LINT )

818 #
819 # Makefile.master.64 overrides these settings
820 #
821 CC=                 $(NATIVECC)
822 CCC=                $(NATIVECCC)
823 CPP=                $(NATIVECPP)
824 AS=                 $(NATIVEAS)
825 LD=                 $(NATIVELD)
826 LINT=               $(NATIVELINT)

828 # The real compilers used for this build
829 CW_CC_CMD=          $(CC) -_compiler
830 CW_CCC_CMD=         $(CCC) -_compiler
831 REAL_CC=            $(CW_CC_CMD:sh)
832 REAL_CCC=           $(CW_CCC_CMD:sh)

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

837 BDIRECT=            -Bdirect
838 BDYNAMIC=           -Bdynamic
839 BLOCAL=              -Blocal
840 BNODIRECT=          -Bnodirect
841 BREDUCE=             -Breduce
842 BSTATIC=            -Bstatic

844 ZDEFS=              -zdefs
845 ZDIRECT=            -zdirect

```

```

846 ZIGNORE=           -zignore
847 ZINITFIRST=        -zinitfirst
848 ZINTERPOSE=         -zinterpose
849 ZLAZYLOAD=          -zlazyload
850 ZLOADFLTR=          -zloadfltr
851 ZMULDEFS=           -zmuldefs
852 ZNODEFAULTLIB=     -znodefaultlib
853 ZNODEFS=            -znodefs
854 ZNODELETE=          -znodelete
855 ZNODLOPEN=          -znodlopen
856 ZNODUMP=            -znodump
857 ZNOLAZYLOAD=        -znolazyload
858 ZNOLDYNSYM=         -znolddynsym
859 ZNORELOC=           -znoreloc
860 ZNOVERSION=         -znoverion
861 ZRECORD=            -zrecord
862 ZREDLOCSYM=         -zredlocsyzm
863 ZTEXT=              -ztext
864 ZVERBOSE=           -zverbose

866 GSHARED=            -G
867 CCMT=                -mt

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

872 sparc_C_PICFLAGS =   -K pic
873 sparcv9_C_PICFLAGS = -K pic
874 i386_C_PICFLAGS =    -K pic
875 amd64_C_PICFLAGS =   -K pic
876 C_PICFLAGS =         $( $(MACH)_C_PICFLAGS )
877 C_PICFLAGS64 =       $( $(MACH64)_C_PICFLAGS )

879 sparc_C_BIGPICFLAGS = -K PIC
880 sparcv9_C_BIGPICFLAGS = -K PIC
881 i386_C_BIGPICFLAGS = -K PIC
882 amd64_C_BIGPICFLAGS = -K PIC
883 C_BIGPICFLAGS =      $( $(MACH)_C_BIGPICFLAGS )
884 C_BIGPICFLAGS64 =    $( $(MACH64)_C_BIGPICFLAGS )

886 # CC requires there to be no space between '-K' and 'pic' or 'PIC'.
887 sparc_CC_PICFLAGS =  -Kpic
888 sparcv9_CC_PICFLAGS = -KPIC
889 i386_CC_PICFLAGS =   -Kpic
890 amd64_CC_PICFLAGS =  -Kpic
891 CC_PICFLAGS =        $( $(MACH)_CC_PICFLAGS )
892 CC_PICFLAGS64 =      $( $(MACH64)_CC_PICFLAGS )

894 AS_PICFLAGS=         $(C_PICFLAGS)
895 AS_BIGPICFLAGS=     $(C_BIGPICFLAGS)

897 #
898 # Default label for CTF sections
899 #
900 CTFCVTFLAGS=         -i -L VERSION
901 $(SRCSBGBLD)CTFCVTFLAGS += -g

903 #
904 # Override to pass module-specific flags to ctfmerge. Currently used only by
905 # krtld to turn on fuzzy matching, and source-level debugging to inhibit
906 # stripping.
907 #
908 CTFMRGFLAGS=
909 $(SRCSBGBLD)CTFMRGFLAGS += -g

```

```

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

914 ELFSIGN_O=            $(TRUE)
915 ELFSIGN_CRYPTO=      $(ELFSIGN_O)
916 ELFSIGN_OBJECT=      $(ELFSIGN_O)

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

970 PROCESS_COMMENT=   @?${MCS} -d -a $(RELEASE_CM) -a $(DEV_CM)
971 $(RELEASE_BUILD)PROCESS_COMMENT= @?${MCS} -d -a $(RELEASE_CM)

973 STRIP_STABS=       :
974 $(RELEASE_BUILD)STRIP_STABS= $(STRIP) -x $@
975 $(SRCDGBLD)STRIP_STABS=      :

977 POST_PROCESS_O=   $(PROCESS_COMMENT) $@

```

```

978 POST_PROCESS_A=
979 POST_PROCESS_SO=     $(PROCESS_COMMENT) $@ ; $(STRIP_STABS) ; \
980                     $(ELFSIGN_OBJECT)
981 POST_PROCESS=        $(PROCESS_COMMENT) $@ ; $(STRIP_STABS) ; \
982                     $(ELFSIGN_OBJECT)

984 #
985 # chk4ubin is a tool that inspects a module for a symbol table
986 # ELF section size which can trigger an OBP bug on older platforms.
987 # This problem affects only specific sun4u bootable modules.
988 #
989 CHK4UBIN=            $(ONBLD_TOOLS)/bin/$(MACH)/chk4ubin
990 CHK4UBINFLAGS=
991 CHK4UBINARY=        $(CHK4UBIN) $(CHK4UBINFLAGS) $@

993 #
994 # PKGARCHIVE specifies the default location where packages should be
995 # placed if built.
996 #
997 $(RELEASE_BUILD)PKGARCHIVESUFFIX= -nd
998 PKGARCHIVE=$(SRC)/../../packages/$(MACH)/nightly$(PKGARCHIVESUFFIX)

1000 #
1001 # The repositories will be created with these publisher settings. To
1002 # update an image to the resulting repositories, this must match the
1003 # publisher name provided to "pkg set-publisher."
1004 #
1005 PKGPUBLISHER_REDIST= on-nightly
1006 PKGPUBLISHER_NONREDIST= on-extra

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

```



```

1044 $(RM) y.tab.c
1045 .y.o:
1046 $(YACC.y) $<
1047 $(COMPILE.c) -o $@ y.tab.c $(CTFCONVERT_HOOK)
1048 $(POST_PROCESS_O)
1049 $(RM) y.tab.c
1050 .l:
1051 $(RM) $*.c
1052 $(LEX.l) $< > $*.c
1053 $(LINK.c) -o $@ $*.c -ll $(LDLIBS)
1054 $(POST_PROCESS)
1055 $(RM) $*.c
1056 .l.o:
1057 $(RM) $*.c
1058 $(LEX.l) $< > $*.c
1059 $(COMPILE.c) -o $@ $*.c $(CTFCONVERT_HOOK)
1060 $(POST_PROCESS_O)
1061 $(RM) $*.c

1063 .bin.o:
1064 $(COMPILE.b) -o $@ $<
1065 $(POST_PROCESS_O)

1067 .java.class:
1068 $(COMPILE.java) $<

1070 # Bourne and Korn shell script message catalog build rules.
1071 # We extract all gettext strings with sed(1) (being careful to permit
1072 # multiple gettext strings on the same line), weed out the dups, and
1073 # build the catalogue with awk(1).

1075 .sh.po .ksh.po:
1076 $(SED) -n -e ":a" \
1077 -e "h" \
1078 -e "s/.*gettext *\(\("[^"]*\)"\).*\/\1/p" \
1079 -e "x" \
1080 -e "s/\(.*\)gettext *\("[^"]*\)"\(\.*/\1\2/" \
1081 -e "t a" \
1082 $< | sort -u | awk '{ print "msgid\t" $0 "\nmsgstr" }' > $@

1084 #
1085 # Python and Perl executable and message catalog build rules.
1086 #
1087 .SUFFIXES: .pl .pm .py .pyc

1089 .pl:
1090 $(RM) $@;
1091 $(SED) -e "s@TEXT_DOMAIN@"$(TEXT_DOMAIN)"@" $< > $@;
1092 $(CHMOD) +x $@

1094 .py:
1095 $(RM) $@; $(CAT) $< > $@; $(CHMOD) +x $@

1097 .py.pyc:
1098 $(RM) $@
1099 $(PYTHON) -mpy_compile $<
1100 @[ $(<)c = $@ ] || $(MV) $(<)c $@

1102 .py.po:
1103 $(GNUXGETTEXT) $(GNUXGETFLAGS) -d $(<F:%.py=%) $< ;

1105 .pl.po .pm.po:
1106 $(XGETTEXT) $(XGETFLAGS) -d $(<F) $< ;
1107 $(RM) $@ ;
1108 $(SED) "/^domain/d" < $(<F).po > $@ ;
1109 $(RM) $(<F).po

```

```

1111 #
1112 # When using xgettext, we want messages to go to the default domain,
1113 # rather than the specified one. This special version of the
1114 # COMPILE.cpp macro effectively prevents expansion of TEXT_DOMAIN,
1115 # causing xgettext to put all messages into the default domain.
1116 #
1117 CPPFORPO=$(COMPILE.cpp:\ "$(TEXT_DOMAIN)"=TEXT_DOMAIN)

1119 .c.i:
1120 $(CPPFORPO) $< > $@

1122 .h.i:
1123 $(CPPFORPO) $< > $@

1125 .y.i:
1126 $(YACC) -d $<
1127 $(CPPFORPO) y.tab.c > $@
1128 $(RM) y.tab.c

1130 .l.i:
1131 $(LEX) $<
1132 $(CPPFORPO) lex.yy.c > $@
1133 $(RM) lex.yy.c

1135 .c.po:
1136 $(CPPFORPO) $< > $<.i
1137 $(BUILD.po)

1139 .y.po:
1140 $(YACC) -d $<
1141 $(CPPFORPO) y.tab.c > $<.i
1142 $(BUILD.po)
1143 $(RM) y.tab.c

1145 .l.po:
1146 $(LEX) $<
1147 $(CPPFORPO) lex.yy.c > $<.i
1148 $(BUILD.po)
1149 $(RM) lex.yy.c

1151 #
1152 # Rules to perform stylistic checks
1153 #
1154 .SUFFIXES: .x .xml .check .xmlchk

1156 .h.check:
1157 $(DOT_H_CHECK)

1159 .x.check:
1160 $(DOT_X_CHECK)

1162 .xml.xmlchk:
1163 $(MANIFEST_CHECK)

1165 #
1166 # Include rules to render automated sccs get rules "safe".
1167 #
1168 include $(SRC)/Makefile.noget

```

new/usr/src/Makefile.master.64

1

```
*****
2292 Mon Jul 14 17:47:58 2014
new/usr/src/Makefile.master.64
4964 nl_langinfo(CRNCYSTR) returns wrong alignment character
4999 libc test suite enhancements
4939 desire wcsnrtoombs() function
Reviewed by: Jason King <jason.brian.king@gmail.com>
Reviewed by: Dan McDonald <danmcd@omniti.com>
Reviewed by: Igor Kozhukhov <ikozhukhov@gmail.com>
Approved by: TBD
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24 #

26 # rebind basic build macros to 64-bit versions

28 CFLAGS=          $(CFLAGS64)
29 CCFLAGS=         $(CCFLAGS64)
30 COPTFLAG=       $(COPTFLAG64)
31 CCOPTFLAG=      $(CCOPTFLAG64)
32 COMPILE.c=      $(COMPILE64.c)
33 COMPILE.cc=     $(COMPILE64.cc)
34 COMPILE.s=      $(COMPILE64.s)
35 COMPILE.d=      $(COMPILE64.d)
36 COMPILE.b=      $(COMPILE64.b)
37 LINK.c=         $(LINK64.c)
38 LINK.cc=        $(LINK64.cc)
39 LINT.c=         $(LINT64.c)

41 CTF_FLAGS=      $(CTF_FLAGS_64)

43 OFFSETS_CREATE= $(OFFSETS_CREATE64)

45 #
46 # Some library path hackery, to allow building of partial workspaces
47 # and properly set the 64-bit library paths with 'ws'
48 #
48 LDLIBS1=        $(ENVLDLIBS1:%=%/$(MACH64))
49 LDLIBS2=        $(ENVLDLIBS2:%=%/$(MACH64))
50 LDLIBS3=        $(ENVLDLIBS3:%=%/$(MACH64))
51 LDLIBS64 =      $(LDLIBS1) $(LDLIBS2) $(LDLIBS3)
52 LDLIBS64 +=     $(ADJUNCT_PROTO:%=-L%/usr/lib/$(MACH64) -L%/lib/$(MACH64))
53 #
46 # Moved these up to the top level here, so they can be overridden
```

new/usr/src/Makefile.master.64

2

```
47 #
48 LDLIBS.cmd =    $(LDLIBS64)
49 LDLIBS.lib =    $(LDLIBS64)

51 #
52 # Override Makefile.master's settings of SFWLIBDIR and GCCLIBDIR
53 #
54 SFWLIBDIR=      $(SFWLIBDIR64)
55 GCCLIBDIR=      $(GCCLIBDIR64)

57 #
58 # Override Makefile.master's settings of CC, CCC, AS and LINT
59 #
60 CC=             $(MACH64)_CC
61 CCC=            $(MACH64)_CCC
62 CPP=            $(MACH64)_CPP
63 AS=             $(MACH64)_AS
64 LD=             $(MACH64)_LD
65 LINT=           $(MACH64)_LINT

67 REAL_CC=        $(CW_CC_CMD:sh)
68 REAL_CCC=        $(CW_CCC_CMD:sh)

70 BUILD.SO=       $(CC) $(CFLAGS) -o $@ $(GSHARED) $(DYNFLAGS) \
71                 $(PICS) $(EXTPICS) -L $(ROOTLIBDIR64) $(LDLIBS)

73 #
74 # ld(1) requires the -64 option to create a 64-bit filter solely from a mapfile
75 #
76 MAPFILECLASS=   -64

78 CCNEEDED =       -lCrun
79 $(__GNU64)CCNEEDED = -L$(GCCLIBDIR) -lstdc++
80 $(__GNU64)CCNEEDED += -lgcc_s

82 BUILDCCC.SO=    $(CCC) $(CCFLAGS) -o $@ $(GSHARED) $(DYNFLAGS) \
83                 $(PICS) $(EXTPICS) $(LDLIBS) $(CCNEEDED)
84 MAPFILE.NGB =    $(MAPFILE.NGB_$(MACH64))
```

new/usr/src/head/iso/wchar_iso.h

1

```
*****
14961 Mon Jul 14 17:47:58 2014
new/usr/src/head/iso/wchar_iso.h
4964 nl_langinfo(CRNCYSTR) returns wrong alignment character
4999 libc test suite enhancements
4939 desire wcsnrtoombs() function
Reviewed by: Jason King <jason.brian.king@gmail.com>
Reviewed by: Dan McDonald <danmcd@omniti.com>
Reviewed by: Igor Kozhukhov <ikozhukhov@gmail.com>
Approved by: TBD
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23 * Copyright 2006 Sun Microsystems, Inc. All rights reserved.
24 * Use is subject to license terms.
25 */

27 /*
28 * Copyright 2014 Garrett D'Amore <garrett@damore.org>
29 */

31 /*
32 * An application should not include this header directly. Instead it
33 * should be included only through the inclusion of other Sun headers.
34 *
35 * The contents of this header is limited to identifiers specified in the
36 * C Standard. Any new identifiers specified in future amendments to the
37 * C Standard must be placed in this header. If these new identifiers
38 * are required to also be in the C++ Standard "std" namespace, then for
39 * anything other than macro definitions, corresponding "using" directives
40 * must also be added to <wchar.h>.
41 */

43 #ifndef _ISO_WCHAR_ISO_H
44 #define _ISO_WCHAR_ISO_H

42 #pragma ident "%Z%M% %I% %E% SMI"

46 #include <sys/feature_tests.h>
47 #include <stdio_tag.h>
48 #include <wchar_impl.h>
49 #include <iso/time_iso.h>

51 #if (defined(__cplusplus) && (__cplusplus - 0 < 54321L)) || \
52 (!defined(__cplusplus) && !defined(_STRICT_STDC)) || \
53 defined(__EXTENSIONS__)
```

new/usr/src/head/iso/wchar_iso.h

2

```
54 #include <stdio.h>
55 #endif /* (defined(__cplusplus) && (__cplusplus - 0 < 54321L)) ... */

57 #if !defined(_STRICT_STDC) || defined(__EXTENSIONS__)
58 #include <ctype.h>
59 #include <stddef.h>
60 #endif /* !defined(_STRICT_STDC) || defined(__EXTENSIONS__) */

62 #include <sys/va_list.h>

64 #ifdef __cplusplus
65 extern "C" {
66 #endif

68 #if __cplusplus >= 199711L
69 namespace std {
70 #endif

72 /*
73  * wchar_t is a built-in type in standard C++ and as such is not
74  * defined here when using standard C++. However, the GNU compiler
75  * fixincludes utility nonetheless creates its own version of this
76  * header for use by gcc and g++. In that version it adds a redundant
77  * guard for __cplusplus. To avoid the creation of a gcc/g++ specific
78  * header we need to include the following magic comment:
79  *
80  * we must use the C++ compiler's type
81  *
82  * The above comment should not be removed or changed until GNU
83  * gcc/fixinc/inclhack.def is updated to bypass this header.
84  */
85 #if !defined(__cplusplus) || (__cplusplus < 199711L && !defined(__GNUG__))
86 #ifndef _WCHAR_T
87 #define _WCHAR_T
88 #if defined(_LP64)
89 typedef int wchar_t;
90 #else
91 typedef long wchar_t;
92 #endif
93 #endif /* !_WCHAR_T */
94 #endif /* !defined(__cplusplus) ... */

96 #if !defined(_WINT_T) || __cplusplus >= 199711L
97 #define _WINT_T
98 #if defined(_LP64)
99 typedef int wint_t;
100 #else
101 typedef long wint_t;
102 #endif
103 #endif /* !defined(_WINT_T) || __cplusplus >= 199711L */

105 #if !defined(_SIZE_T) || __cplusplus >= 199711L
106 #define _SIZE_T
107 #if defined(_LP64) || defined(_I32LPx)
108 typedef unsigned long size_t; /* size of something in bytes */
109 #else
110 typedef unsigned int size_t; /* (historical version) */
111 #endif
112 #endif /* !defined(_SIZE_T) || __cplusplus >= 199711L */

114 #ifndef NULL
115 #if defined(_LP64)
116 #define NULL 0L
117 #else
118 #define NULL 0
119 #endif
```

```

120 #endif /* !NULL */

122 #ifndef WEOF
123 #if __cplusplus >= 199711L
124 #define WEOF ((std::wint_t)(-1))
125 #else
126 #define WEOF ((wint_t)(-1))
127 #endif
128 #endif /* WEOF */

130 /* not XPG4 and not XPG4v2 */
131 #if !defined(_XPG4) || defined(_XPG5)
132 #ifndef WCHAR_MAX
133 #define WCHAR_MAX 2147483647
134 #endif
135 #ifndef WCHAR_MIN
136 #define WCHAR_MIN (-2147483647-1)
137 #endif
138 #endif /* not XPG4 and not XPG4v2 */

140 #if !defined(_MBSTATE_T) || __cplusplus >= 199711L
141 #define _MBSTATE_T
142 typedef __mbstate_t mbstate_t;
143 #endif /* _MBSTATE_T */

145 #if defined(_XPG4) && !defined(_FILEDEFED) || __cplusplus >= 199711L
146 #define _FILEDEFED
147 typedef __FILE FILE;
148 #endif

150 #if !defined(_LP64) && !defined(_LONGLONG_TYPE)

152 #ifdef __PRAGMA_REDEFINE_EXTNAME
153 #pragma redefine_extname fprintf _fprintf_c89
154 #pragma redefine_extname sprintf _sprintf_c89
155 #pragma redefine_extname vfprintf _vfprintf_c89
156 #pragma redefine_extname vsprintf _vsprintf_c89
157 #pragma redefine_extname vwprintf _vwprintf_c89
158 #pragma redefine_extname wprintf _wprintf_c89
159 #pragma redefine_extname fwscanf _fwscanf_c89
160 #pragma redefine_extname swscanf _swscanf_c89
161 #pragma redefine_extname wscanf _wscanf_c89
162 #else
163 #define fprintf _fprintf_c89
164 #define sprintf _sprintf_c89
165 #define vfprintf _vfprintf_c89
166 #define vsprintf _vsprintf_c89
167 #define vwprintf _vwprintf_c89
168 #define wprintf _wprintf_c89
169 #define fwscanf _fwscanf_c89
170 #define swscanf _swscanf_c89
171 #define wscanf _wscanf_c89
172 #endif

174 #endif /* !defined(_LP64) && !defined(_LONGLONG_TYPE) */

176 #if (!defined(_MSE_INT_H))
177 /* not XPG4 and not XPG4v2 */
178 #if !defined(_XPG4) || defined(_XPG5)
179 #ifdef __PRAGMA_REDEFINE_EXTNAME
180 #pragma redefine_extname fgetc __fgetc_xpg5
181 #pragma redefine_extname getc __getc_xpg5
182 #pragma redefine_extname getwchar __getwchar_xpg5
183 #pragma redefine_extname fputc __fputc_xpg5
184 #pragma redefine_extname putc __putc_xpg5
185 #pragma redefine_extname putwchar __putwchar_xpg5

```

```

186 #pragma redefine_extname fgetws __fgetws_xpg5
187 #pragma redefine_extname fputws __fputws_xpg5
188 #pragma redefine_extname ungetwc __ungetwc_xpg5
189 #else /* __PRAGMA_REDEFINE_EXTNAME */
190 #ifdef __STDC__
191 extern wint_t __fgetc_xpg5(__FILE *);
192 extern wint_t __getc_xpg5(__FILE *);
193 extern wint_t __getwchar_xpg5(void);
194 extern wint_t __fputc_xpg5(wint_t, __FILE *);
195 extern wint_t __putc_xpg5(wint_t, __FILE *);
196 extern wint_t __putwchar_xpg5(wint_t);
197 extern wchar_t *__fgetws_xpg5(wchar_t *_RESTRIC_KYWD, int,
198                               __FILE *_RESTRIC_KYWD);
199 extern int __fputws_xpg5(const wchar_t *_RESTRIC_KYWD, __FILE *_RESTRIC_KYWD);
200 extern wint_t __ungetwc_xpg5(wint_t, __FILE *);
201 #else
202 extern wint_t __fgetc_xpg5();
203 extern wint_t __getc_xpg5();
204 extern wint_t __getwchar_xpg5();
205 extern wint_t __fputc_xpg5();
206 extern wint_t __putc_xpg5();
207 extern wint_t __putwchar_xpg5();
208 extern wchar_t *__fgetws_xpg5();
209 extern int __fputws_xpg5();
210 extern wint_t __ungetwc_xpg5();
211 #endif /* __STDC__ */
212 #define fgetc __fgetc_xpg5
213 #define getc __getc_xpg5
214 #define getwchar __getwchar_xpg5
215 #define fputc __fputc_xpg5
216 #define putc __putc_xpg5
217 #define putwchar __putwchar_xpg5
218 #define fgetws __fgetws_xpg5
219 #define fputws __fputws_xpg5
220 #define ungetwc __ungetwc_xpg5
221 #endif /* __PRAGMA_REDEFINE_EXTNAME */
222 #endif /* not XPG4 and not XPG4v2 */
223 #endif /* defined(_MSE_INT_H) */

225 #ifdef __STDC__

227 extern wint_t fgetc(__FILE *);
228 extern wchar_t *fgetws(wchar_t *_RESTRIC_KYWD, int, __FILE *_RESTRIC_KYWD);
229 extern wint_t fputc(wint_t, __FILE *);
230 extern int fputws(const wchar_t *_RESTRIC_KYWD, __FILE *_RESTRIC_KYWD);
231 extern wint_t ungetwc(wint_t, __FILE *);
232 extern wint_t getc(__FILE *);
233 extern wint_t getwchar(void);
234 extern wint_t putc(wint_t, __FILE *);
235 extern wint_t putwchar(wint_t);
236 extern double wcstod(const wchar_t *_RESTRIC_KYWD, wchar_t **_RESTRIC_KYWD);
237 extern long wcstol(const wchar_t *_RESTRIC_KYWD, wchar_t **_RESTRIC_KYWD,
238                  int);
239 extern unsigned long wcstoul(const wchar_t *_RESTRIC_KYWD,
240                             wchar_t **_RESTRIC_KYWD, int);
241 extern wchar_t *wscat(wchar_t *_RESTRIC_KYWD, const wchar_t *_RESTRIC_KYWD);
242 extern int wscmp(const wchar_t *, const wchar_t *);
243 extern int wscoll(const wchar_t *, const wchar_t *);
244 extern wchar_t *wscpy(wchar_t *_RESTRIC_KYWD, const wchar_t *_RESTRIC_KYWD);
245 extern size_t wscspn(const wchar_t *, const wchar_t *);
246 extern size_t wcslen(const wchar_t *);
247 extern wchar_t *wscnecat(wchar_t *_RESTRIC_KYWD, const wchar_t *_RESTRIC_KYWD,
248                          size_t);
249 extern int wcsncmp(const wchar_t *, const wchar_t *, size_t);
250 extern wchar_t *wcsncpy(wchar_t *_RESTRIC_KYWD, const wchar_t *_RESTRIC_KYWD,
251                          size_t);

```

```

252 extern size_t wcsnlen(const wchar_t *, const wchar_t *);
253 extern size_t wcsxfrm(wchar_t *_RESTRIC_KYWD, const wchar_t *_RESTRIC_KYWD,
254 size_t);
255 #if __cplusplus >= 199711L
256 extern const wchar_t *wcschr(const wchar_t *, wchar_t);
257 extern "C++" {
258     inline wchar_t *wcschr(wchar_t *__ws, wchar_t __wc) {
259         return (wchar_t *)wcschr((const wchar_t *)__ws, __wc);
260     }
261 }
262 unchanged portion omitted
274 #else /* __cplusplus >= 199711L */
275 extern wchar_t *wcschr(const wchar_t *, wchar_t);
276 extern wchar_t *wcpbrk(const wchar_t *, const wchar_t *);
277 extern wchar_t *wcsrchr(const wchar_t *, wchar_t);
278 #endif /* __cplusplus >= 199711L */

280 #if (!defined(_MSE_INT_H))
281 #if defined(_XPG4) && !defined(_XPG5) /* XPG4 or XPG4v2 */
282 extern wchar_t *wcstok(wchar_t *, const wchar_t *);
283 extern size_t wcsftime(wchar_t *, size_t, const char *, const struct tm *);
284 #else /* XPG4 or XPG4v2 */
285 #ifdef _PRAGMA_REDEFINE_EXTNAME
286 #pragma redefine_extname wcstok __wcstok_xpg5
287 #pragma redefine_extname wcsftime __wcsftime_xpg5
288 extern wchar_t *wcstok(wchar_t *_RESTRIC_KYWD, const wchar_t *_RESTRIC_KYWD,
289 wchar_t **_RESTRIC_KYWD);
290 extern size_t wcsftime(wchar_t *_RESTRIC_KYWD, size_t,
291 const wchar_t *_RESTRIC_KYWD, const struct tm *_RESTRIC_KYWD);
292 #else /* _PRAGMA_REDEFINE_EXTNAME */
293 extern wchar_t *__wcstok_xpg5(wchar_t *_RESTRIC_KYWD,
294 const wchar_t *_RESTRIC_KYWD, wchar_t **_RESTRIC_KYWD);
295 extern size_t __wcsftime_xpg5(wchar_t *_RESTRIC_KYWD, size_t,
296 const wchar_t *_RESTRIC_KYWD, const struct tm *_RESTRIC_KYWD);
297 #define wcstok __wcstok_xpg5
298 #define wcsftime __wcsftime_xpg5
299 #endif /* _PRAGMA_REDEFINE_EXTNAME */
300 #endif /* XPG4 or XPG4v2 */
301 #endif /* !defined(_MSE_INT_H) */

303 /* not XPG4 and not XPG4v2 */
304 #if !defined(_XPG4) || defined(_XPG5)
305 extern wint_t btowc(int);
306 extern int fwprintf(_FILE *_RESTRIC_KYWD, const wchar_t *_RESTRIC_KYWD,
307 ...);
308 extern int fwscanf(_FILE *_RESTRIC_KYWD, const wchar_t *_RESTRIC_KYWD,
309 ...);
310 extern int fwide(_FILE *, int);
311 extern int mbsinit(const mbstate_t *);
312 extern size_t mbrlen(const char *_RESTRIC_KYWD, size_t,
313 mbstate_t *_RESTRIC_KYWD);
314 extern size_t mbrtowc(wchar_t *_RESTRIC_KYWD, const char *_RESTRIC_KYWD,
315 size_t, mbstate_t *_RESTRIC_KYWD);
316 extern size_t mbsrtowc(wchar_t *_RESTRIC_KYWD, const char **_RESTRIC_KYWD,
317 size_t, mbstate_t *_RESTRIC_KYWD);
318 extern int swprintf(wchar_t *_RESTRIC_KYWD, size_t,
319 const wchar_t *_RESTRIC_KYWD, ...);
320 extern int swscanf(const wchar_t *_RESTRIC_KYWD,
321 const wchar_t *_RESTRIC_KYWD, ...);
322 extern int vfwprintf(_FILE *_RESTRIC_KYWD, const wchar_t *_RESTRIC_KYWD,
323 __va_list);
324 extern int vwprintf(const wchar_t *_RESTRIC_KYWD, __va_list);
325 extern int vswprintf(wchar_t *_RESTRIC_KYWD, size_t,
326 const wchar_t *_RESTRIC_KYWD, __va_list);
327 extern size_t wctomb(char *_RESTRIC_KYWD, wchar_t,
328 mbstate_t *_RESTRIC_KYWD);

```

```

329 extern size_t wcsrtombs(char *_RESTRIC_KYWD, const wchar_t **_RESTRIC_KYWD,
330 size_t, mbstate_t *_RESTRIC_KYWD);
331 #if defined(_XPG7) || !defined(_STRICT_SYMBOLS)
332 extern size_t wcsnrtombs(char *_RESTRIC_KYWD, const wchar_t **_RESTRIC_KYWD,
333 size_t, size_t, mbstate_t *_RESTRIC_KYWD);
334 #endif
335 extern int wctob(wint_t);
336 extern int wmemcmp(const wchar_t *, const wchar_t *, size_t);
337 extern wchar_t *wmemcpy(wchar_t *_RESTRIC_KYWD,
338 const wchar_t *_RESTRIC_KYWD, size_t);
339 extern wchar_t *wmemmove(wchar_t *, const wchar_t *, size_t);
340 extern wchar_t *wmemset(wchar_t *, wchar_t, size_t);
341 extern int wprintf(const wchar_t *_RESTRIC_KYWD, ...);
342 extern int wscanf(const wchar_t *_RESTRIC_KYWD, ...);
343 #if __cplusplus >= 199711L
344 extern const wchar_t *wcsstr(const wchar_t *, const wchar_t *);
345 extern "C++" {
346     inline wchar_t *wcsstr(wchar_t *__wsl, const wchar_t *__ws2) {
347         return (wchar_t *)wcsstr((const wchar_t *)__wsl, __ws2);
348     }
349 }
350 unchanged portion omitted
356 #else /* __cplusplus >= 199711L */
357 extern wchar_t *wcsstr(const wchar_t *_RESTRIC_KYWD,
358 const wchar_t *_RESTRIC_KYWD);
359 extern wchar_t *wmemchr(const wchar_t *, wchar_t, size_t);
360 #endif /* __cplusplus >= 199711L */
361 #endif /* not XPG4 and not XPG4v2 */

363 #else /* _STDC_ */

365 extern wint_t fgetwc();
366 extern wchar_t *fgetws();
367 extern wint_t fputwc();
368 extern int fputws();
369 extern wint_t ungetwc();
370 extern wint_t getwc();
371 extern wint_t getwchar();
372 extern wint_t putwc();
373 extern wint_t putwchar();
374 extern wint_t ungetwc();
375 extern double wcstod();
376 extern long wcstol();
377 extern unsigned long wcstoul();
378 extern wchar_t *wscat();
379 extern wchar_t *wcschr();
380 extern int wscmp();
381 extern int wscoll();
382 extern wchar_t *wscpy();
383 extern size_t wscscpn();
384 extern size_t wcslen();
385 extern wchar_t *wscnecat();
386 extern int wscncmp();
387 extern wchar_t *wscncpy();
388 extern wchar_t *wcpbrk();
389 extern wchar_t *wcsrchr();
390 extern size_t wcsnlen();
391 extern size_t wcsxfrm();

393 #if (!defined(_MSE_INT_H))
394 #if defined(_XPG4) && !defined(_XPG5) /* XPG4 or XPG4v2 */
395 extern wchar_t *wcstok();
396 extern size_t wcsftime();
397 #else /* XPG4 or XPG4v2 */
398 #ifdef _PRAGMA_REDEFINE_EXTNAME
399 #pragma redefine_extname wcstok __wcstok_xpg5

```

```
400 #pragma redefine_extname wcsftime      __wcsftime_xpg5
401 extern wchar_t *wcstok();
402 extern size_t wcsftime();
403 #else /* __PRAGMA_REDEFINE_EXTNAME */
404 extern wchar_t *__wcstok_xpg5();
405 extern size_t __wcsftime_xpg5();
406 #define wcstok __wcstok_xpg5
407 #define wcsftime __wcsftime_xpg5
408 #endif /* __PRAGMA_REDEFINE_EXTNAME */
409 #endif /* XPG4 or XPG4v2 */
410 #endif /* defined(_MSE_INT_H) */

412 /* not XPG4 and not XPG4v2 */
413 #if (!defined(_XPG4) && !defined(_XPG4_2) || defined(_XPG5))
414 extern wint_t btowc();
415 extern int fwprintf();
416 extern int fwscanf();
417 extern int fwide();
418 extern int mbsinit();
419 extern size_t mbrlen();
420 extern size_t mbrtowc();
421 extern size_t mbsrtowcs();
422 extern int swprintf();
423 extern int swscanf();
424 extern int vfwprintf();
425 extern int vwprintf();
426 extern int vswprintf();
427 extern size_t wctomb();
428 extern size_t wcsrtombs();
429 #if defined(_XPG7) || !defined(_STRICT_SYMBOLS)
430 extern size_t wcsnrtombs();
431 #endif

433 extern wchar_t *wcsstr();
434 extern int wctob();
435 extern wchar_t *wmemchr();
436 extern int wmemcmp();
437 extern wchar_t *wmemcpy();
438 extern wchar_t *wmemmove();
439 extern wchar_t *wmemset();
440 extern int wprintf();
441 extern int wscanf();
442 #endif /* not XPG4 and not XPG4v2 */

444 #endif /* __STDC__ */

446 #if __cplusplus >= 199711L
447 }
unchanged_portion_omitted
```

```

*****
3878 Mon Jul 14 17:47:58 2014
new/usr/src/head/xlocale.h
4964 nl_langinfo(CRNCYSTR) returns wrong alignment character
4999 libc test suite enhancements
4939 desire wcsnrtombs() function
Reviewed by: Jason King <jason.brian.king@gmail.com>
Reviewed by: Dan McDonald <dancmd@omniti.com>
Reviewed by: Igor Kozhukhov <ikozhukhov@gmail.com>
Approved by: TBD
*****
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 */

12 /*
13  * Copyright 2014 Garrett D'Amore <garrett@damore.org>
14  */

16 #ifndef _XLOCALE_H
17 #define _XLOCALE_H

19 /*
20  * This file supplies declarations for extended locale routines, as
21  * originally delivered by MacOS X. Many of these things are now
22  * officially part of XPG7. (Note that while the interfaces are the
23  * same as MacOS X, there is no shared implementation.)
24  *
25  * Those declarations that are part of XPG7 are provided for the in the
26  * XPG7-specified location. This file lists just the declarations that
27  * were not part of the standard. These will be useful in their own right,
28  * and will aid porting programs that don't strictly follow the standard.
29  *
30  * Note that it is an error to include this file in a program with strict
31  * symbol visibility rules (under strict ANSI or POSIX_C_SOURCE rules.)
32  * If this is done, the symbols defined here will indeed be exposed to your
33  * program, but those symbols that are part of the related standards might
34  * not be.
35  */

37 #include <sys/feature_tests.h>
38 #include <wchar.h>
39 #include <locale.h>
40 #include <stdio.h>

42 #ifdef __cplusplus
43 extern "C" {
44 #endif

46 #ifndef _LOCALE_T
47 #define _LOCALE_T
48 typedef struct locale *locale_t;
49 #endif

51 extern int mbsinit_l(const mbstate_t *, locale_t);

53 extern size_t mbsrtowcs_l(wchar_t *_RESTRICT_KYWD, const char **_RESTRICT_KYWD,
54     size_t, mbstate_t *_RESTRICT_KYWD, locale_t);

```

```

56 extern size_t mbsnrtowcs_l(wchar_t *_RESTRICT_KYWD, const char **_RESTRICT_KYWD,
57     size_t, size_t, mbstate_t *_RESTRICT_KYWD, locale_t);

59 extern char *strptime_l(const char *_RESTRICT_KYWD, const char *_RESTRICT_KYWD,
60     struct tm *_RESTRICT_KYWD, locale_t);

62 extern int wcmwidth_l(wchar_t, locale_t);

64 extern int wcswidth_l(const wchar_t *, size_t, locale_t);

66 extern int iswspecial_l(wint_t, locale_t);
67 extern int iswnumber_l(wint_t, locale_t);
68 extern int iswhexnumber_l(wint_t, locale_t);
69 extern int iswideogram_l(wint_t, locale_t);
70 extern int iswphonogram_l(wint_t, locale_t);

72 extern wint_t btowc_l(int, locale_t);
73 extern int wctob_l(wint_t, locale_t);
74 extern size_t mbrtowc_l(wchar_t *_RESTRICT_KYWD, const char *_RESTRICT_KYWD,
75     size_t, mbstate_t *_RESTRICT_KYWD, locale_t);
76 extern size_t mbstowcs_l(wchar_t *_RESTRICT_KYWD, const char *_RESTRICT_KYWD,
77     size_t, locale_t);
78 extern int mblen_l(const char *, size_t, locale_t);
79 extern size_t mbrlen_l(const char *_RESTRICT_KYWD, size_t,
80     mbstate_t *_RESTRICT_KYWD, locale_t);
81 extern int mbtowc_l(wchar_t *_RESTRICT_KYWD, const char *_RESTRICT_KYWD, size_t,
82     locale_t);
83 extern size_t wcsrtombs_l(char *_RESTRICT_KYWD, const wchar_t **_RESTRICT_KYWD,
84     size_t, mbstate_t *_RESTRICT_KYWD, locale_t);
85 extern size_t wcsnrtombs_l(char *_RESTRICT_KYWD, const wchar_t **_RESTRICT_KYWD,
86     size_t, size_t, mbstate_t *_RESTRICT_KYWD, locale_t);
87 extern size_t_t len, mbstate_t *_RESTRICT_KYWD, locale_t);
88 extern size_t wctomb_l(char *_RESTRICT_KYWD, wchar_t,
89     mbstate_t *_RESTRICT_KYWD, locale_t);
90 extern size_t_t wctombs_l(char *_RESTRICT_KYWD, const wchar_t *_RESTRICT_KYWD,
91     size_t, locale_t);
92 extern int wctomb_l(char *, wchar_t, locale_t);

93 extern unsigned char __mb_cur_max_l(locale_t);
94 #ifndef MB_CUR_MAX_L
95 #define MB_CUR_MAX_L(1) (__mb_cur_max_l(1))
96 #endif

99 #if defined(_XPG4) && !defined(_FILEDEFED) || __cplusplus >= 199711L
100 #define _FILEDEFED
101 typedef _FILE FILE;
102 #endif

104 extern wint_t fgetwc_l(FILE *, locale_t);
105 extern wint_t getwc_l(FILE *, locale_t);

107 #ifndef getwchar_l
108 #define getwchar_l(1) fgetwc_l(stdin, (1))
109 #endif

111 #ifdef __cplusplus
112 }

```

unchanged portion omitted

```

*****
45942 Mon Jul 14 17:47:58 2014
new/usr/src/lib/libc/port/llib-1c
4964 nl_langinfo(CRNCYSTR) returns wrong alignment character
4999 libc test suite enhancements
4939 desire wcsnrtoombs() function
Reviewed by: Jason King <jason.brian.king@gmail.com>
Reviewed by: Dan McDonald <dancmd@omniti.com>
Reviewed by: Igor Kozhukhov <ikozhukhov@gmail.com>
Approved by: TBD
*****
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.
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8  * You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
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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) 1991, 2010, Oracle and/or its affiliates. All rights reserved.
24 * Copyright 2011 Nexenta Systems, Inc. All rights reserved.
25 * Copyright 2013 OmniTI Computer Consulting, Inc. All rights reserved.
26 * Copyright (c) 2013 Gary Mills
27 * Copyright 2014 Garrett D'Amore <garrett@damore.org>
28 */

30 /* LINTLIBRARY */
31 /* PROTLIB1 */

33 #define __EXTENSIONS__

35 #include <aio.h>
36 #include <alloca.h>
37 #include <attr.h>
38 #include <atomic.h>
39 #include <ctype.h>
40 #include <deflt.h>
41 #include <dirent.h>
42 #include <dlfcn.h>
43 #include <door.h>
44 #include <err.h>
45 #include <sys/errno.h>
46 #include <euc.h>
47 #include <fcntl.h>
48 #include <float.h>
49 #include <fmtmsg.h>
50 #include <fnmatch.h>
51 #include <ftw.h>
52 #include <glob.h>
53 #include <getwidth.h>
54 #include <grp.h>
55 #include <iconv.h>

```

```

56 #include <langinfo.h>
57 #include <libgen.h>
58 #include <libw.h>
59 #include <locale.h>
60 #include <memory.h>
61 #include <mon.h>
62 #include <mqueue.h>
63 #include <nan.h>
64 #include <ndbm.h>
65 #include <limits.h>
66 #include <nl_types.h>
67 #include <poll.h>
68 #include <project.h>
69 #include <priv.h>
70 #include <pwd.h>
71 #include <rctl.h>
72 #include <regex.h>
73 #include <rpcsvc/ypclnt.h>
74 #include <sched.h>
75 #include <search.h>
76 #include <semaphore.h>
77 #include <setjmp.h>
78 #include <shadow.h>
79 #include <siginfo.h>
80 #include <signal.h>
81 #include <stdarg.h>
82 #include <ucred.h>
83 #include <sys/ucred.h>
84 #include <unistd.h>
85 #include <ulimit.h>
86 #include <utime.h>
87 #include <stddef.h>
88 #include <stdio.h>
89 #include <stdlib.h>
90 #include <string.h>
91 #include <stropts.h>
92 #include <synch.h>
93 #include <sys/acctctl.h>
94 #include <sys/acl.h>
95 #include <sys/asynch.h>
96 #include <sys/byteorder.h>
97 #include <sys/cladm.h>
98 #include <sys/corectl.h>
99 #include <sys/dl.h>
100 #include <sys/exacct.h>
101 #include <sys/fcntl.h>
102 #include <sys/file.h>
103 #include <sys/fs/namenode.h>
104 #include <sys/instance.h>
105 #include <sys/ipc.h>
106 #include <sys/lwp.h>
107 #include <sys/mkdev.h>
108 #include <sys/mman.h>
109 #include <sys/mmttab.h>
110 #include <sys/mount.h>
111 #include <sys/msg.h>
112 #include <sys/param.h>
113 #include <sys/prioctl.h>
114 #include <sys/procset.h>
115 #include <sys/processor.h>
116 #include <sys/pset.h>
117 #include <sys/rctl_impl.h>
118 #include <sys/sem.h>
119 #include <sys/shm.h>
120 #include <sys/sid.h>
121 #include <sys/signal.h>

```



```

122 #include <sys/stat.h>
123 #include <sys/statvfs.h>
124 #include <sys/strlog.h>
125 #include <sys/stropts.h>
126 #include <sys/syscall.h>
127 #include <sys/sysconfig.h>
128 #include <sys/syslog.h>
129 #include <sys/systeminfo.h>
130 #include <sys/task.h>
131 #include <sys/termio.h>
132 #include <sys/termios.h>
133 #include <sys/u8_textprep.h>
134 #include <sys/time.h>
135 #include <sys/timeb.h>
136 #include <sys/times.h>
137 #include <sys/types.h>
138 #include <sys/uadmin.h>
139 #include <sys/utname.h>
140 #include <sys/vfstab.h>
141 #include <sys/sendfile.h>
142 #include <sys/zone.h>
143 #include <termio.h>
144 #include <time.h>
145 #include <tzfile.h>
146 #include <ucontext.h>
147 #include <utmpx.h>
148 #include <values.h>
149 #include <wait.h>
150 #include <wchar.h>
151 #include <wctype.h>
152 #include <wider.h>
153 #include <wordexp.h>
154 #include <thread.h>
155 #include <pthread.h>
156 #include <schedt1.h>
157 #include <zone.h>
158 #include <port.h>
159 #include <spawn.h>
160 #include <inttypes.h>
161 #include <getopt.h>
162 #include <stdio_ext.h>
163 #if defined(__i386)
164 #include <sys/sysi86.h>
165 #endif
166 #if defined(__amd64)
167 #include <stack_unwind.h>
168 #endif
169 #include <xlocale.h>

171 /*
172 * This really comes from the crt*.s startup modules.
173 */
174 char **environ;

176 /*
177 * This is a GNU/Linux/BSD compatibility interface,
178 * not declared in any header file.
179 */
180 const char *__progname;

182 /*
183 * POSIX versions of standard libc routines; these aren't extracted
184 * from the headers above since we cannot #define _POSIX_C_SOURCE.
185 */
186 int __posix_readdir_r(DIR * _RESTRICT_KYWD, struct dirent * _RESTRICT_KYWD,
187     struct dirent ** _RESTRICT_KYWD);

```

```

188 int __posix_getgrgid_r(gid_t, struct group *, char *, size_t, struct group **);
189 int __posix_getgrnam_r(const char *, struct group *, char *, size_t,
190     struct group **);
191 int __posix_getpwuid_r(uid_t, struct passwd *, char *, size_t,
192     struct passwd **);
193 int __posix_getpwnam_r(const char *, struct passwd *, char *, size_t,
194     struct passwd **);
195 int __posix_sigwait(const sigset_t * _RESTRICT_KYWD, int * _RESTRICT_KYWD);
196 char * __posix_asctime_r(const struct tm * _RESTRICT_KYWD, char * _RESTRICT_KYWD);
197 char * __posix_ctime_r(const time_t *, char *);
198 int __posix_ttyname_r(int, char *, size_t);
199 int __posix_getlogin_r(char *, int);
200 int __posix_getloginx_r(char *, int);

202 /*
203 * XPG4 versions of standard libc routines; these aren't extracted
204 * from the headers above since we cannot #define _XPG4_2.
205 */
206 int __xpg4_putmsg(int, const struct strbuf *, const struct strbuf *, int);
207 int __xpg4_putpmsg(int, const struct strbuf *, const struct strbuf *, int, int);

209 /*
210 * These aren't extracted from the headers above because:
211 * - We cannot #define _STRPTIME_DONTZERO
212 * - We cannot #define _XPG5
213 */
214 char * __strptime_dontzero(const char *, const char *, struct tm *);
215 long __sysconf_xpg5(int);
216 wchar_t * __wcstok_xpg5(wchar_t * _RESTRICT_KYWD,
217     const wchar_t * _RESTRICT_KYWD, wchar_t ** _RESTRICT_KYWD);
218 size_t __wcsftime_xpg5(wchar_t * _RESTRICT_KYWD, size_t,
219     const wchar_t * _RESTRICT_KYWD, const struct tm * _RESTRICT_KYWD);
220 wint_t __fgetwc_xpg5(__FILE *);
221 wint_t __getwc_xpg5(__FILE *);
222 wint_t __getwchar_xpg5(void);
223 wint_t __fputwc_xpg5(wint_t, __FILE *);
224 wint_t __putwc_xpg5(wint_t, __FILE *);
225 wint_t __putwchar_xpg5(wint_t);
226 wchar_t * __fgetws_xpg5(wchar_t * _RESTRICT_KYWD, int, __FILE * _RESTRICT_KYWD);
227 int __fputws_xpg5(const wchar_t * _RESTRICT_KYWD, __FILE * _RESTRICT_KYWD);
228 wint_t __ungetwc_xpg5(wint_t, __FILE *);

230 /*
231 * /usr/src/lib/libc/port/gen routines
232 */

234 /* _ctype.c */

236 /* _loc_data.c */

238 /* _locale.c */

240 /* _set_tab.c */
241 int _set_tab(const char *loc, int cat);

243 /* _xftw.c */
244 int _xftw(int ver, const char *path, int (*fn)(), int depth);

246 /* a64l.c */
247 long a64l(const char *);

249 /* abort.c */
250 void abort(void);

252 /* abs.c */
253 int abs(int arg);

```

```

254 long labs(long int arg);

256 /* assert.c */
257 void __assert(const char *assertion, const char *filename, int line_num);
258 void __assert_c99(const char *assertion, const char *filename, int line_num,
259     const char *funcname);

261 /* atexit.c */
262 int atexit(void(*func)());
263 void _exithandle(void);

265 /* atof.c */
266 double atof(const char *p);

268 /* atoi.c */
269 int atoi(const char *p);

271 /* atol.c */
272 long atol(const char *p);

274 /* basename.c */
275 char *basename(char *s);

277 /* bcmp.c */
278 int bcmp(const void *s1, const void *s2, size_t len);

280 /* bcopy.c */
281 void bcopy(const void *s1, void *s2, size_t len);

283 /* bsearch.c */
284 void *bsearch(const void *ky, const void *bs, size_t nel,
285     size_t width, int (*compar)());

287 /* bzero.c */
288 void bzero(void *sp, size_t len);

290 /* calloc.c */
291 void *calloc(size_t num, size_t size);

293 /* catclose.c */
294 int catclose(nl_catd catd);

296 /* catgets.c */
297 char *catgets(nl_catd catd, int set_num, int msg_num, const char *s);

299 /* catopen.c */
300 nl_catd catopen(const char *name, int mode);

302 /* cfgetispeed.c */
303 speed_t cfgetispeed(const struct termios *termios_p);

305 /* cfgetospeed.c */
306 speed_t cfgetospeed(const struct termios *termios_p);

308 /* cfree.c */
309 void cfree(void *p, size_t num, size_t size);

311 /* cfsetispeed.c */
312 int cfsetispeed(struct termios *termios_p, speed_t speed);

314 /* cfsetospeed.c */
315 int cfsetospeed(struct termios *termios_p, speed_t speed);

317 /* cftime.c */
318 int cftime(char *buf, char *format, const time_t *t);
319 int ascftime(char *buf, const char *format, const struct tm *tm);

```

```

321 /* clock.c */
322 clock_t clock(void);

324 /* closedir.c */
325 int closedir(DIR *dirp);

327 /* confstr.c */
328 size_t confstr(int name, char *buf, size_t length);

330 /* crypt.c */
331 void setkey(const char *key);
332 void encrypt(char *block, int fake);
333 char *crypt(const char *key, const char *salt);

335 /* csetlen.c */
336 int csetlen(int cset);
337 int csetcol(int cset);

339 /* ctime.c */
340 char *ctime(const time_t *t);
341 char *ctime_r(const time_t *, char *buf, int);
342 char *asctime(const struct tm *t);
343 char *asctime_r(const struct tm *, char *, int);

345 /* ctypefcns.c */
346 int isalpha(int c);
347 int isupper(int c);
348 int islower(int c);
349 int isdigit(int c);
350 int isxdigit(int c);
351 int isalnum(int c);
352 int isspace(int c);
353 int ispunct(int c);
354 int isprint(int c);
355 int isgraph(int c);
356 int iscntrl(int c);
357 int isascii(int c);
358 int _toupper(int c);
359 int _tolower(int c);
360 int toascii(int c);

362 /* daemon.c */
363 int daemon(int nochdir, int noclose);

365 /* directio.c */
366 int directio(int filedes, int advice);

368 /* dirname.c */
369 char *dirname(char *s);

371 /* div.c */
372 div_t div(int numer, int denom);
373 ldiv_t ldiv(long int numer, long int denom);

375 /* drand48.c */
376 double drand48(void);
377 double erand48(unsigned short *xsubi);
378 long krand48(unsigned short *xsubi, unsigned int m);
379 long lrand48(void);
380 long mrand48(void);
381 void srand48(long seedval);
382 unsigned short *seed48(unsigned short seed16v[3]);
383 void lcong48(unsigned short param[7]);
384 long nrand48(unsigned short *xsubi);
385 long jrand48(unsigned short *xsubi);

```

```

387 /* dup.c */
388 int dup(int fildes);
389 int dup2(int fildes, int fildes2);
390 int dup3(int fildes, int fildes2, int flags);

392 /* ecvt.c */
393 char *ecvt(double value, int ndigit, int *_RESTRICT_KYWD decpt,
394           int *_RESTRICT_KYWDsign);
395 char *fcvt(double value, int ndigit, int *_RESTRICT_KYWD decpt,
396           int *_RESTRICT_KYWD sign);

398 /* err.c */
399 void _errfp(FILE *, int, const char *, ...);
400 void _verrfp(FILE *, int, const char *, va_list);
401 void _errxfp(FILE *, int, const char *, ...);
402 void _verrxfp(FILE *, int, const char *, va_list);
403 void _warnfp(FILE *, const char *, ...);
404 void _vwarnfp(FILE *, const char *, va_list);
405 void _warnxfp(FILE *, const char *, ...);
406 void _vwarnxfp(FILE *, const char *, va_list);

408 /* errlst.c */

410 /* euclen.c */
411 int euccol(const unsigned char *s);
412 int euclen(const unsigned char *s);
413 int eucscol(const unsigned char *s);

415 /* execvp.c */
416 /* VARARGS1 */
417 int execlp(const char *, const char *, ...);
418 int execvp(const char *name, char *const *argv);

420 /* fattach.c */
421 int fattach(int fildes, const char *path);

423 /* fdetach.c */
424 int fdetach(const char *path);

426 /* ffs.c */
427 int ffs(int field);

429 /* fmtmsg.c */
430 int addseverity(int value, const char *string);
431 int fmtmsg(long class, const char *label, int severity, const char *text,
432           const char *action, const char *tag);

434 /* ftime.c */
435 int ftime(struct timeb *tp);

437 /* ftok.c */
438 key_t ftok(const char *path, int id);

440 /* gcvt.c */
441 char *gcvt(double number, int ndigit, char *buf);

443 /* getcwd.c */
444 char *getcwd(char *str, size_t size);

446 /* getdate.c */
447 struct tm *getdate(const char *expression);
448 #ifdef getdate_err
449 #undef getdate_err
450 #endif
451 int getdate_err;

```

```

453 /* getdate_data.c */

455 /* getdate_gd.c */

457 /* getdtblsize.c */
458 int getdtblsize(void);

460 /* getenv.c */
461 char *getenv(const char *name);

463 /* getexecname.c */
464 const char *getexecname(void);

466 /* getgrnam.c */
467 struct group *getgrnam(const char *name);
468 struct group *getgrgid(gid_t gid);
469 struct group *fgetgrent_r(FILE *, struct group *, char *, int);
470 struct group *getgrent_r(struct group *, char *, int);
471 struct group *getgrgid_r(gid_t, struct group *, char *, int);
472 struct group *getgrnam_r(const char *, struct group *, char *, int);

474 /* gethostid.c */
475 long gethostid(void);

477 /* gethz.c */
478 int gethz(void);

480 /* getisax.c */
481 uint_t getisax(uint32_t *, uint_t);

483 /* getlogin.c */
484 char *getloginx(void);
485 char *getloginx_r(char *, int);
486 #ifdef getlogin
487 #undef getlogin
488 #endif /* getlogin */
489 char *getlogin(void);
490 #ifdef getlogin_r
491 #undef getlogin_r
492 #endif /* getlogin_r */
493 char *getlogin_r(char *, int);

495 /* getmntent.c */
496 int getmntany(FILE *fd, struct mnttab *mgetp, struct mnttab *mrefp);
497 int getmntent(FILE *fd, struct mnttab *mp);

499 /* getnetgrent.c */
500 int setnetgrent(const char *grp);
501 int endnetgrent(void);
502 int getnetgrent(char **machinep, char **namep, char **domainp);

504 /* getopt.c */
505 int getopt(int argc, char *const *argv, const char *opts);

507 /* getopt_long.c */
508 int getopt_clip(int argc, char *const *argv, const char *optstring,
509               const struct option *long_options, int *long_index);
510 int getopt_long(int argc, char *const *argv, const char *optstring,
511               const struct option *long_options, int *long_index);
512 int getopt_long_only(int argc, char *const *argv, const char *optstring,
513               const struct option *long_options, int *long_index);

515 /* getpagesize.c */
516 int getpagesize(void);

```

```

518 /* getpw.c */
519 int getpw(uid_t uid, char *buf);

521 /* getpwnam.c */
522 struct passwd *getpwnam(const char *name);
523 struct passwd *getpwuid(uid_t uid);
524 struct passwd *fgetpwent_r(FILE *, struct passwd *, char *, int);
525 struct passwd *getpwent_r(struct passwd *, char *, int);
526 struct passwd *getpwnam_r(const char *, struct passwd *, char *, int);
527 struct passwd *getpwuid_r(uid_t, struct passwd *, char *, int);

529 /* getrusage.c */
530 int getrusage(int who, struct rusage *rusage);

532 /* gettimeofday.c */
533 int gettimeofday(struct timeval *_RESTRICT_KYWD tp, void *_RESTRICT_KYWD);

535 /* getspent.c */
536 void setspent(void);
537 void endspent(void);
538 struct spwd *getspent(void);
539 struct spwd *getspent_r(struct spwd *, char *, int);
540 struct spwd *fgetspent(FILE *f);
541 struct spwd *fgetspent_r(FILE *, struct spwd *, char *, int);
542 struct spwd *getspnam(const char *name);
543 struct spwd *getspnam_r(const char *, struct spwd *, char *, int);
544 int putspent(const struct spwd *p, FILE *f);

546 /* getspent_r.c */
547 int str2spwd(const char *, int, void *, char *, int);

549 /* getsubopt.c */
550 int getsubopt(char **optionsp, char *const *tokens, char **valuep);

552 /* gettxt.c */
553 char *gettext(const char *msg_id, const char *dflt_str);

555 /* getusershell.c */
556 char *getusershell(void);
557 void endusershell(void);
558 void setusershell(void);

560 /* getut.c */
561 struct utmp *getutent(void);
562 struct utmp *getutid(const struct utmp *entry);
563 struct utmp *getutline(const struct utmp *entry);
564 struct utmp *pututline(const struct utmp *entry);
565 void setutent(void);
566 void endutent(void);
567 int utmpname(const char *newfile);
568 void updwtmp(const char *file, struct utmp *ut);
569 void getutmp(const struct utmpx *utx, struct utmp *ut);
570 void getutmpx(const struct utmp *ut, struct utmpx *utx);
571 struct utmp *makeut(struct utmp *utmp);

573 /* getutx.c */
574 struct utmpx *getutxent(void);
575 struct utmpx *getutxid(const struct utmpx *entry);
576 struct utmpx *getutxline(const struct utmpx *entry);
577 struct utmpx *pututxline(const struct utmpx *entry);
578 void setutxent(void);
579 void endutxent(void);
580 int utmpxname(const char *newfile);
581 void updwtmpx(const char *filex, struct utmpx *utx);
582 struct utmpx *makeutx(const struct utmpx *utmp);
583 struct utmpx *modutx(const struct utmpx *utp);

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```

585 /* getvfssent.c */
586 int getvfsspec(FILE *fd, struct vfstab *vp, char *special);
587 int getvfssfile(FILE *fd, struct vfstab *vp, char *mountp);
588 int getvfssany(FILE *fd, struct vfstab *vgetp, struct vfstab *vrefp);
589 int getvfssent(FILE *fd, struct vfstab *vp);

591 /* getwd.c */
592 char *getwd(char *pathname);

594 /* getwidth.c */
595 void getwidth(eucwidth_t *eucstruct);

597 /* hsearch.c */
598 int hcreate(size_t size);
599 void hdestroy(void);
600 ENTRY *hsearch(ENTRY item, ACTION action);

602 /* iconv.c */
603 size_t iconv(iconv_t cd, const char **_RESTRICT_KYWD inbuf,
604             size_t *_RESTRICT_KYWD inbytesleft, char **_RESTRICT_KYWD outbuf,
605             size_t *_RESTRICT_KYWD outbytesleft);
606 int iconv_close(iconv_t cd);
607 iconv_t iconv_open(const char *tocode, const char *fromcode);

609 /* imaxabs.c */
610 intmax_t imaxabs(intmax_t j);

612 /* imaxdiv.c */
613 imaxdiv_t imaxdiv(intmax_t numer, intmax_t denom);

615 /* index.c */
616 char *index(const char *sp, int c);

618 /* initgroups.c */
619 int initgroups(const char *uname, gid_t agroup);

621 /* inetgr.c */
622 int inetgr(const char *group, const char *machine, const char *name,
623           const char *domain);

625 /* insque.c */
626 void insque(void *elem, void *pred);
627 void remque(void *elem);

629 /* isaexec.c */
630 int isaexec(const char *, char *const *, char *const *);

632 /* isastream.c */
633 int isastream(int fd);

635 /* isatty.c */
636 int isatty(int f);

638 /* killpg.c */
639 int killpg(pid_t pgrp, int sig);

641 /* l64a.c */
642 char *l64a(long lg);

644 /* lckpwwdf.c */
645 int lckpwwdf(void);
646 int ulckpwwdf(void);

648 /* lfind.c */
649 void *lfind(const void *ky, const void *bs, size_t *nelp,

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```

650             size_t width, int (*compar)());

652 /* localeconv.c */
653 struct lconv *localeconv(void);

655 /* lsearch.c */
656 void *lsearch(const void *ky, void *bs, size_t *nelp,
657              size_t width, int (*compar)());

659 /* madvise.c */
660 int madvise(caddr_t addr, size_t len, int advice);

662 /* malloc.c */
663 void *malloc(size_t size);
664 void *realloc(void *old, size_t size);
665 void free(void *old);

667 /* mbstowcs.c */
668 size_t mbstowcs(wchar_t *_RESTRICT_KYWD pwcs, const char *_RESTRICT_KYWD s,
669                size_t n);

671 /* mbtowc.c */
672 int mbtowc(wchar_t *_RESTRICT_KYWD wchar, const char *_RESTRICT_KYWD s,
673            size_t n);
674 int mblen(const char *s, size_t n);

676 /* memalign.c */
677 void *memalign(size_t align, size_t nbytes);

679 /* memccpy.c */
680 void *memccpy(void *_RESTRICT_KYWDs, const void *_RESTRICT_KYWD s0, int c,
681              size_t n);

683 /* memchr.c */
684 void *memchr(const void *sptr, int cl, size_t n);

686 /* memcmp.c */
687 int memcmp(const void *s1, const void *s2, size_t n);

689 /* memcpy.c */
690 void *memcpy(void *_RESTRICT_KYWD s, const void *_RESTRICT_KYWD s0, size_t n);

692 /* memmove.c */
693 void *memmove(void *s, const void *s0, size_t n);

695 /* memset.c */
696 void *memset(void *spl, int c, size_t n);

698 /* mkdev.c */
699 dev_t __makedev(const int version, const major_t majdev,
700                const minor_t mindev);
701 major_t __major(const int version, const dev_t devnum);
702 minor_t __minor(const int version, const dev_t devnum);

704 /* mkfifo.c */
705 int mkfifo(const char *path, mode_t mode);

707 /* mktemp.c */
708 char *mktemp(char *as);

710 /* mlock.c */
711 int mlock(caddr_t addr, size_t len);

713 /* mlockall.c */
714 int mlockall(int flags);

```

```

716 /* mon.c */
717 void monitor(int (*alowpc)(), int (*ahighpc)(), WORD *buffer,
718             size_t bufsize, size_t nfunc);

720 /* msync.c */
721 int msync(caddr_t addr, size_t len, int flags);

723 /* munlock.c */
724 int munlock(caddr_t addr, size_t len);

726 /* munlockall.c */
727 int munlockall(void);

729 /* ndbm.c */
730 void dbm_setdefwrite(DBM *db);
731 int dbm_flush(DBM *db);
732 int dbm_flushpag(DBM *db);
733 DBM *dbm_open(const char *file, int flags, mode_t mode);
734 void dbm_close(DBM *db);
735 int dbm_close_status(DBM *db);
736 datum dbm_fetch(DBM *db, datum key);
737 int dbm_delete(DBM *db, datum key);
738 int dbm_store(DBM *db, datum key, datum dat, int replace);
739 datum dbm_firstkey(DBM *db);
740 datum dbm_nextkey(DBM *db);
741 datum dbm_do_nextkey(DBM *db, datum inkey);

743 /* new_list.c */

745 /* nftw.c */
746 int nftw(const char *path, int (*fn)(), int depth, int flags);

748 /* nl_langinfo.c */
749 char *nl_langinfo(nl_item item);

751 /* opendir.c */
752 DIR *opendir(const char *filename);

754 /* opt_data.c */

756 /* perror.c */
757 void perror(const char *s);

759 /* pipe.c */
760 int pipe(int *fds);

762 /* psiginfo.c */
763 void psiginfo(siginfo_t *sip, char *s);

765 /* psignal.c */
766 void psignal(int sig, const char *s);

768 /* pt.c */
769 char *ptsname(int fd);
770 int unlockpt(int fd);
771 int grantpt(int fd);

773 /* putenv.c */
774 int putenv(char *change);
775 int setenv(const char *envname, const char *envval, int overwrite);
776 int unsetenv(const char *name);

778 /* putpwent.c */
779 int putpwent(const struct passwd *p, FILE *f);

781 /* qsort.c */

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782 void qsort(void *base, size_t n, size_t size, int (*compar)());

784 /* raise.c */
785 int raise(int sig);

787 /* rand.c */
788 void srand(unsigned x);
789 int rand(void);
790 int rand_r(unsigned int *);

792 /* random.c */
793 void srandom(unsigned x);
794 char *initstate(unsigned seed, char *arg_state, size_t n);
795 char *setstate(const char *arg_state);
796 long random(void);

798 /* rctlops.c */
799 int rctl_walk(int (*callback)(const char *, void *), void *walk_data);
800 hrtime_t rctlblk_get_firing_time(rctlblk_t *rblk);
801 uint_t rctlblk_get_global_action(rctlblk_t *rblk);
802 uint_t rctlblk_get_global_flags(rctlblk_t *rblk);
803 uint_t rctlblk_get_local_action(rctlblk_t *rblk, int *signalp);
804 uint_t rctlblk_get_local_flags(rctlblk_t *rblk);
805 id_t rctlblk_get_recipient_pid(rctlblk_t *rblk);
806 rctl_priv_t rctlblk_get_privilege(rctlblk_t *rblk);
807 rctl_qty_t rctlblk_get_value(rctlblk_t *rblk);
808 void rctlblk_set_local_action(rctlblk_t *rblk, uint_t action, int signal);
809 void rctlblk_set_local_flags(rctlblk_t *rblk, uint_t flags);
810 void rctlblk_set_privilege(rctlblk_t *rblk, rctl_priv_t priv);
811 void rctlblk_set_value(rctlblk_t *rblk, rctl_qty_t val);
812 size_t rctlblk_size(void);

814 /* readdir.c */
815 struct dirent *readdir(DIR *dirp);

817 /* realpath.c */
818 char *realpath(const char *_RESTRICT_KYWD raw, char *_RESTRICT_KYWD canon);

820 /* regex.c */
821 char *re_comp(const char *sp);
822 int re_exec(const char *p1);

824 /* rindex.c */
825 char *rindex(const char *sp, int c);

827 /* rename.c */
828 int remove(const char *filename);
829 int rename(const char *old, const char *new);

831 /* rewinddir.c */
832 #undef rewinddir
833 void rewinddir(DIR *dirp);

835 /* scandir.c */
836 int alphasort(const struct dirent **, const struct dirent **);
837 int scandir(const char *dirname, struct dirent *(*namelist[]),
838             int (*select)(const struct dirent *),
839             int (*dcomp)(const struct dirent **, const struct dirent **));

841 /* scrwidth.c */
842 int scrwidth(wchar_t c);

844 /* seekdir.c */
845 void seekdir(DIR *dirp, long loc);

847 /* select.c */

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```

848 int pselect(int nfd,
849             fd_set *_RESTRICT_KYWD readfds,
850             fd_set *_RESTRICT_KYWD writefds,
851             fd_set *_RESTRICT_KYWD errorfds,
852             const struct timespec *_RESTRICT_KYWD timeout,
853             const sigset_t *_RESTRICT_KYWD sigmask);
854 int select(int nfd,
855            fd_set *_RESTRICT_KYWD readfds,
856            fd_set *_RESTRICT_KYWD writefds,
857            fd_set *_RESTRICT_KYWD errorfds,
858            struct timeval *_RESTRICT_KYWD timeout);

860 /* setlocale.c */
861 char *setlocale(int cat, const char *loc);

863 /* setpriority.c */
864 int getpriority(int which, id_t who);
865 int setpriority(int which, id_t who, int prio);

867 /* settimeofday.c */
868 int settimeofday(struct timeval *tp, void *);

870 /* sigflag.c */
871 int sigflag(int sig, int flag, int on);

873 /* siglist.c */

875 /* sigsend.c */
876 int sigsend(idtype_t idtype, id_t id, int sig);

878 /* sigsetops.c */
879 int sigfillset(sigset_t *set);
880 int sigemptyset(sigset_t *set);
881 int sigaddset(sigset_t *set, int sig);
882 int sigdelset(sigset_t *set, int sig);
883 int sigismember(const sigset_t *set, int sig);

885 /* scalls.c */
886 unsigned sleep(unsigned sleep_tm);

888 /* ssignal.c */
889 int (*ssignal(int sig, int (*fn)()) ())();
890 int gsignal(int sig);

892 /* str2id.c */

894 /* str2sig.c */
895 int str2sig(const char *s, int *sigp);
896 int sig2str(int i, char *s);

898 /* strcat.c */
899 char *strcat(char *_RESTRICT_KYWD s1, const char *_RESTRICT_KYWD s2);

901 /* strchr.c */
902 char *strchr(const char *sp, int c);

904 /* strcmp.c */
905 int strcmp(const char *s1, const char *s2);

907 /* strcpy.c */
908 char *strcpy(char *_RESTRICT_KYWD s1, const char *_RESTRICT_KYWD s2);

910 /* strcspn.c */
911 size_t strcspn(const char *string, const char *charset);

913 /* strdup.c */

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```

914 char *strdup(const char *s1);

916 /* strerror.c */
917 char *strerror(int errnum);
918 int strerror_r(int errnum, char *strerrbuf, size_t buflen);

920 /* strftime.c */
921 size_t strftime(char *_RESTRUCT_KYWD s, size_t maxsize,
922                const char *_RESTRUCT_KYWD format,
923                const struct tm *_RESTRUCT_KYWD tm);

925 /* strlen.c */
926 size_t strlen(const char *s);

928 /* strncat.c */
929 char *strncat(char *_RESTRUCT_KYWD s1, const char *_RESTRUCT_KYWD s2, size_t n);

931 /* strncmp.c */
932 int strncmp(const char *s1, const char *s2, size_t n);

934 /* strncpy.c */
935 char *strncpy(char *_RESTRUCT_KYWD s1, const char *_RESTRUCT_KYWD s2, size_t n);

937 /* strpbrk.c */
938 char *strpbrk(const char *string, const char *brkset);

940 /* strrchr.c */
941 char *strrchr(const char *sp, int c);

943 /* strsep.c */
944 char *strsep(char **stringp, const char *delim);

946 /* strspn.c */
947 size_t strspn(const char *string, const char *charset);

949 /* strstr.c */
950 char *strstr(const char *as1, const char *as2);

952 /* strtod.c */
953 double strtod(const char *_RESTRUCT_KYWD cp, char **_RESTRUCT_KYWD ptr);
954 float strtod(const char *_RESTRUCT_KYWD cp, char **_RESTRUCT_KYWD ptr);
955 long double strtold(const char *_RESTRUCT_KYWD cp, char **_RESTRUCT_KYWD ptr);

957 /* strtoumax.c */
958 intmax_t strtoumax(const char *_RESTRUCT_KYWD nptr,
959                   char **_RESTRUCT_KYWD endptr, int base);

961 /* strtok.c */
962 char *strtok(char *_RESTRUCT_KYWD string, const char *_RESTRUCT_KYWD sepset);
963 char *strtok_r(char *_RESTRUCT_KYWD, const char *_RESTRUCT_KYWD,
964               char **_RESTRUCT_KYWD);

966 /* strtol.c */
967 long strtol(const char *_RESTRUCT_KYWD str, char **_RESTRUCT_KYWD nptr,
968             int base);

970 /* strtoul.c */
971 unsigned long strtoul(const char *_RESTRUCT_KYWD str,
972                       char **_RESTRUCT_KYWD nptr, int base);

974 /* strtoumax.c */
975 uintmax_t strtoumax(const char *_RESTRUCT_KYWD nptr,
976                     char **_RESTRUCT_KYWD endptr, int base);

978 /* strxfrm.c */
979 size_t strxfrm(char *_RESTRUCT_KYWD s1, const char *_RESTRUCT_KYWD s2,

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980         size_t n);
981 int strcoll(const char *s1, const char *s2);

983 /* swab.c */
984 void swab(const char *_RESTRUCT_KYWD from, char *_RESTRUCT_KYWD to, ssize_t n);

986 /* swapctl.c */
987 int swapctl(int cmd, void *arg);

989 /* sysconf.c */
990 long sysconf(int name);

992 /* syslog.c */
993 /* VARARGS2 */
994 void syslog(int pri, const char *fmt, ...);
995 void vsyslog(int pri, const char *fmt, va_list ap);
996 void openlog(const char *ident, int logstat, int logfac);
997 void closelog(void);
998 int setlogmask(int pmask);

1000 /* tcdrain.c */
1001 int tcdrain(int fildes);

1003 /* tcflow.c */
1004 int tcflow(int fildes, int action);

1006 /* tcflush.c */
1007 int tcflush(int fildes, int queue_selector);

1009 /* tcgetattr.c */
1010 int tcgetattr(int fildes, struct termios *termios_p);

1012 /* tcgetpgrp.c */
1013 pid_t tcgetpgrp(int fd);

1015 /* tcgetsid.c */
1016 pid_t tcgetsid(int fd);

1018 /* tcseendbreak.c */
1019 int tcseendbreak(int fildes, int duration);

1021 /* tcsetattr.c */
1022 int tcsetattr(int fildes, int optional_actions,
1023               const struct termios *termios_p);

1025 /* tcsetpgrp.c */
1026 int tcsetpgrp(int fd, pid_t pgrp);

1028 /* tell.c */
1029 long tell(int f);

1031 /* telldir.c */
1032 long telldir(DIR *dirp);

1034 /* tfind.c */
1035 void *tfind(const void *ky, void *const *rtp, int (*compar)());

1037 /* time_comm.c */
1038 struct tm *localtime(const time_t *timep);
1039 struct tm *localtime_r(const time_t *_RESTRUCT_KYWD, struct tm *_RESTRUCT_KYWD);
1040 struct tm *gmtime(const time_t *clock);
1041 struct tm *gmtime_r(const time_t *_RESTRUCT_KYWD, struct tm *_RESTRUCT_KYWD);
1042 double difftime(time_t time1, time_t time0);
1043 time_t mktime(struct tm *timeptr);
1044 void _ltzset(time_t tim);
1045 void tzset(void);

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1047 /* time_data.c */
1049 /* time_gdata.c */

1051 /* tolower.c */
1052 int tolower(int c);

1054 /* toupper.c */
1055 int toupper(int c);

1057 /* truncate.c */
1058 int ftruncate(int fd, off_t len);
1059 int truncate(const char *path, off_t len);

1061 /* tsearch.c */
1062 void *tsearch(const void *ky, void **rtp, int (*compar)());
1063 void *tdelete(const void *ky, void **rtp, int (*compar)());
1064 void twalk(const void *rt, void (*action)());

1066 /* ttyname.c */
1067 char *ttyname(int f);
1068 char *ttyname_dev(dev_t rdev, char *buffer, size_t buflen);
1069 char *ttyname_r(int, char *, int);

1071 /* ttyslot.c */
1072 int ttyslot(void);

1074 /* ualarm.c */
1075 unsigned ualarm(unsigned usecs, unsigned reload);

1077 /* ulimit.c */
1078 /* VARARGS1 */
1079 long ulimit(int cmd, ...);

1081 /* scalls.c */
1082 int usleep(unsigned n);

1084 /* valloc.c */
1085 void *valloc(size_t size);

1087 /* waitpid.c */
1088 pid_t wait(int *stat_loc);
1089 pid_t waitpid(pid_t pid, int *stat_loc, int options);
1090 pid_t wait3(int *status, int options, struct rusage *rp);
1091 pid_t wait4(pid_t pid, int *status, int options, struct rusage *rusage);

1093 /* wctombs.c */
1094 size_t wctombs(char *_RESTRICT_KYWD s, const wchar_t *_RESTRICT_KYWD pwcs,
1095               size_t n);

1097 /* wctomb.c */
1098 int wctomb(char *s, wchar_t wchar);

1100 /* wdata.c */

1102 /* wisprint.c */
1103 int wisprint(wchar_t c);

1105 /* xgetwidth.c */
1106 void xgetwidth(void);

1108 /*
1109 * /usr/src/lib/libc/port/intl routines
1110 */

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```

1112 /* gettext.c */
1113 char *bindtextdomain(const char *domain, const char *binding);
1114 char *dcgettext(const char *domain, const char *msg_id, const int category);
1115 char *dgettext(const char *domain, const char *msg_id);
1116 char *gettext(const char *msg_id);
1117 char *textdomain(const char *domain);

1119 /*
1120 * /usr/src/lib/libc/port/print routines
1121 */

1123 /* fprintf.c */
1124 /* VARARGS2 */
1125 int fprintf(FILE *_RESTRICT_KYWD iop, const char *_RESTRICT_KYWD format, ...);

1127 /* printf.c */
1128 /* VARARGS1 */
1129 int printf(const char *_RESTRICT_KYWD format, ...);

1131 /* snprintf.c */
1132 /* VARARGS2 */
1133 int snprintf(char *_RESTRICT_KYWD string, size_t n,
1134             const char *_RESTRICT_KYWD format, ...);

1136 /* sprintf.c */
1137 /* VARARGS2 */
1138 int sprintf(char *_RESTRICT_KYWD string,
1139            const char *_RESTRICT_KYWD format, ...);

1141 /* vfprintf.c */
1142 /* VARARGS2 */
1143 int vfprintf(FILE *_RESTRICT_KYWD iop, const char *_RESTRICT_KYWD format,
1144             va_list);

1146 /* vprintf.c */
1147 /* VARARGS1 */
1148 int vprintf(const char *_RESTRICT_KYWD format, va_list);

1150 /* vsnprintf.c */
1151 /* VARARGS2 */
1152 int vsnprintf(char *_RESTRICT_KYWD string, size_t n,
1153             const char *_RESTRICT_KYWD format, va_list);

1155 /* vsprintf.c */
1156 /* VARARGS2 */
1157 int vsprintf(char *_RESTRICT_KYWD string, const char *_RESTRICT_KYWD format,
1158            va_list);

1160 /*
1161 * /usr/src/lib/libc/port/regex routines
1162 */

1164 /* glob.c */
1165 extern int glob(const char *restrict pattern, int flags,
1166               int(*errfunc)(const char *epath, int eerrno), glob_t *restrict pglob);
1167 extern void globfree(glob_t *pglob);

1169 /* regex.c */
1170 char *regex(const char *regexp, const char *stringp, ...);
1171 #ifdef __locl
1172 #undef __locl
1173 #endif
1174 char *__locl;

1176 /* regcmp.c */
1177 char *regcmp(const char *regexp, ...);

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```

1178 #ifdef __i_size
1179 #undef __i_size
1180 #endif
1181 int __i_size;

1183 /*
1184  * /usr/src/lib/libc/port/stdio routines
1185  */

1187 /* _filbuf.c */
1188 int _filbuf(FILE *iop);

1190 /* _flsbuf.c */
1191 int _flsbuf(int ch, FILE *iop);

1193 /* _wrtchk.c */
1194 int _wrtchk(FILE *iop);

1196 /* clearerr.c */
1197 void clearerr(FILE *iop);

1199 /* ctermid.c */
1200 char *ctermid(char *s);
1201 char *ctermid_r(char *s);

1203 /* cuserid.c */
1204 char *cuserid(char *s);

1206 /* data.c */

1208 /* doscan.c */
1209 int _doscan(FILE *iop, const char *fmt, va_list va_alist);

1211 /* fdopen.c */
1212 FILE *fdopen(int fd, const char *type);

1214 /* feof.c */
1215 int feof(FILE *iop);

1217 /* ferror.c */
1218 int ferror(FILE *iop);

1220 /* fgetc.c */
1221 int fgetc(FILE *iop);

1223 /* fgets.c */
1224 char *fgets(char *_RESTRICT_KYWD buf, int size, FILE *_RESTRICT_KYWD iop);

1226 /* fileno.c */
1227 int _fileno(FILE *iop);

1229 /* flush.c */
1230 void _cleanup(void);
1231 FILE *_findiop(void);
1232 typedef unsigned char Uchar;
1233 void _setbufend(FILE *iop, Uchar *end);
1234 Uchar *_realbufend(FILE *iop);
1235 void _bufsync(FILE *iop, Uchar *bufend);
1236 int _xflsbuf(FILE *iop);
1237 int fflush(FILE *iop);
1238 int fclose(FILE *iop);

1240 /* fopen.c */
1241 FILE *fopen(const char *_RESTRICT_KYWD name, const char *_RESTRICT_KYWD type);
1242 FILE *freopen(const char *_RESTRICT_KYWD name, const char *_RESTRICT_KYWD type,
1243 FILE *_RESTRICT_KYWD iop);

```

```

1245 /* fpos.c */
1246 int fgetpos(FILE *_RESTRICT_KYWD stream, fpos_t *_RESTRICT_KYWD pos);
1247 int fsetpos(FILE *stream, const fpos_t *pos);

1249 /* fputc.c */
1250 int fputc(int ch, FILE *iop);

1252 /* fputs.c */
1253 int fputs(const char *_RESTRICT_KYWD ptr, FILE *_RESTRICT_KYWD iop);

1255 /* fread.c */
1256 size_t fread(void *_RESTRICT_KYWD ptr, size_t size, size_t count,
1257 FILE *_RESTRICT_KYWD iop);

1259 /* fseek.c */
1260 int fseek(FILE *iop, long offset, int ptrname);

1262 /* ftell.c */
1263 long ftell(FILE *iop);

1265 /* fwrite.c */
1266 size_t fwrite(const void *_RESTRICT_KYWD ptr1, size_t size, size_t count,
1267 FILE *_RESTRICT_KYWD iop);

1269 /* getc.c */
1270 int getc(FILE *iop);

1272 /* getchar.c */
1273 int getchar(void);

1275 /* getpass.c */
1276 char *getpass(const char *prompt);

1278 /* getpass.c */
1279 char *getpassphrase(const char *prompt);

1281 /* gets.c */
1282 char *gets(char *buf);

1284 /* getw.c */
1285 int getw(FILE *stream);

1287 /* popen.c */
1288 FILE *popen(const char *cmd, const char *mode);
1289 int pclose(FILE *ptr);

1291 /* putc.c */
1292 int putc(int ch, FILE *iop);

1294 /* putchar.c */
1295 int putchar(int ch);

1297 /* puts.c */
1298 int puts(const char *ptr);

1300 /* putw.c */
1301 int putw(int w, FILE *stream);

1303 /* rewind.c */
1304 void rewind(FILE *iop);

1306 /* scanf.c */
1307 /* VARARGS1 */
1308 int scanf(const char *_RESTRICT_KYWD fmt, ...);

```

```

1310 /* VARARGS2 */
1311 int fscanf(FILE *_RESTRICT_KYWD iop, const char *_RESTRICT_KYWD fmt, ...);

1313 /* VARARGS2 */
1314 int sscanf(const char *_RESTRICT_KYWD str, const char *_RESTRICT_KYWD fmt, ...);

1316 /* setbuf.c */
1317 void setbuf(FILE *_RESTRICT_KYWD iop, char *_RESTRICT_KYWD abuf);

1319 /* setvbuf.c */
1320 int setvbuf(FILE *_RESTRICT_KYWD iop, char *_RESTRICT_KYWD abuf, int type,
1321             size_t size);

1323 /* system.c */
1324 int system(const char *s);

1326 /* tempnam.c */
1327 char *tempnam(const char *dir, const char *pfx);

1329 /* tmpfile.c */
1330 FILE *tmpfile(void);

1332 /* tmpnam.c */
1333 char *tmpnam(char *s);
1334 char *tmpnam_r(char *);

1336 /* ungetc.c */
1337 int ungetc(int c, FILE *iop);

1339 /*
1340  * /usr/src/lib/libc/port/sys routines
1341  */

1343 /* exactsys.c */
1344 size_t getacct(idtype_t idtype, id_t id, void *buf, size_t bufsize);
1345 int putacct(idtype_t idtype, id_t id, void *buf, size_t bufsize, int flags);
1346 int wracct(idtype_t idtype, id_t id, int flags);

1348 /* execl.c */
1349 /* VARARGS1 */
1350 int execl(const char *name, const char *, ...);

1352 /* execle.c */
1353 int execle(const char *, const char *file, ...);

1355 /* execv.c */
1356 int execv(const char *file, char *const *argv);

1358 /* lockf.c */
1359 int lockf(int fildes, int function, off_t size);

1361 /* meminfosys.c */
1362 int meminfo(const uint64_t *inaddr, int addr_count, const uint_t *info_req,
1363            int info_count, uint64_t *outdata, uint_t *validity);

1365 /* msgsys.c */
1366 int msgget(key_t key, int msgflg);
1367 int msgctl(int msqid, int cmd, struct msqid_ds *buf);
1368 ssize_t msgrcv(int msqid, void *msgp, size_t msgsz, long msgtyp, int msgflg);
1369 int msgsnd(int msqid, const void *msgp, size_t msgsz, int msgflg);

1371 /* nfssys.c */
1372 /*
1373 int exportfs(char *dir, struct export *ep);
1374 int nfs_getfh(char *path, fh_t *fhp);
1375 int nfssvc(int fd);

```

```

1376 */

1378 /* psetsys.c */
1379 int pset_create(psetid_t *npset);
1380 int pset_destroy(psetid_t pset);
1381 int pset_assign(psetid_t pset, processorid_t cpu, psetid_t *opset);
1382 int pset_assign_forced(psetid_t pset, processorid_t cpu, psetid_t *opset);
1383 int pset_info(psetid_t pset, int *type, uint *numcpus, processorid_t *cpulist);
1384 int pset_bind(psetid_t pset, idtype_t idtype, id_t id, psetid_t *opset);
1385 int pset_bind_lwp(psetid_t pset, id_t id, pid_t, psetid_t *opset);
1386

1388 /* rctlsys.c */
1389 int getrctl(const char *name, rctlblk_t *old_rblk, rctlblk_t *new_rblk,
1390            int flags);
1391 int setrctl(const char *name, rctlblk_t *old_rblk, rctlblk_t *new_rblk,
1392            int flags);
1393 /* (private functions) */
1394 int setprojctl(const char *name, rctlblk_t *new_rblk, size_t size, int flags);
1395 int rctlctl(const char *, rctlblk_t *, int);
1396 size_t rctllist(char *, size_t);

1399 /* semsys.c */
1400 int semctl(int semid, int semnum, int cmd, ...);
1401 int semget(key_t key, int nsems, int semflg);
1402 int semop(int semid, struct sembuf *sops, size_t nsops);

1404 /* shmsys.c */
1405 void *shmat(int shmid, const void *shmaddr, int shmflg);
1406 int shmctl(int shmid, int cmd, struct shmids *buf);
1407 #if defined(_XOPEN_SOURCE) && (_XOPEN_VERSION - 0 == 4)
1408 int shmdt(const void *);
1409 #else
1410 int shmdt(char *);
1411 #endif /* defined(_XOPEN_SOURCE) && (_XOPEN_VERSION - 0 == 4) */
1412 int shmget(key_t key, size_t size, int shmflg);

1414 /* tasksys.c */
1415 taskid_t settaskid(projid_t project, uint_t flags);
1416 taskid_t gettaskid(void);
1417 projid_t getprojid(void);

1419 /*
1420  * /usr/src/lib/libc/port/widec routines
1421  */

1423 /* fgetws.c */
1424 wchar_t *fgetws(wchar_t *_RESTRICT_KYWD ptr, int size,
1425                FILE *_RESTRICT_KYWD iop);

1427 /* fputwc.c */
1428 wint_t fputwc(wint_t wc, FILE *iop);
1429 wint_t putwc(wint_t wc, FILE *iop);

1431 /* fputws.c */
1432 int fputws(const wchar_t *_RESTRICT_KYWD ptr, FILE *_RESTRICT_KYWD iop);

1434 /* getwchar.c */
1435 wint_t getwchar(void);

1437 /* getwidth.c */
1438 void getwidth(eucwidth_t *eucstruct);

1440 /* getws.c */
1441 wchar_t *getws(wchar_t *ptr);

```

```

1443 /* iswctype.c */
1444 int iswctype(wint_t wc, wctype_t charclass);
1445 int iswalpha(wint_t c);
1446 int iswupper(wint_t c);
1447 int iswlower(wint_t c);
1448 int iswdigit(wint_t c);
1449 int iswxdigit(wint_t c);
1450 int iswalnum(wint_t c);
1451 int iswspace(wint_t c);
1452 int iswpunct(wint_t c);
1453 int iswprint(wint_t c);
1454 int iswgraph(wint_t c);
1455 int iswcntrl(wint_t c);
1456 int isphonogram(wint_t c);
1457 int isideogram(wint_t c);
1458 int isenglish(wint_t c);
1459 int isnumber(wint_t c);
1460 int isspecial(wint_t c);

1462 /* libwcollate.c */

1464 /* putwchar.c */
1465 wint_t putwchar(wint_t c);

1467 /* putws.c */
1468 int putws(const wchar_t *ptr);

1470 /* scrwidth.c */

1472 /* strtows.c */
1473 wchar_t *strtows(wchar_t *s1, char *s2);
1474 char *wstostr(char *s1, wchar_t *s2);

1476 /* trwctype.c */
1477 wint_t towupper(wint_t c);
1478 wint_t towlower(wint_t c);

1480 /* ungetwc.c */
1481 wint_t ungetwc(wint_t wc, FILE *iop);

1483 /* wcollate.c */
1484 size_t wcsxfrm(wchar_t *_RESTRICT_KYWD s1, const wchar_t *_RESTRICT_KYWD s2,
1485               size_t n);
1486 int wscoll(const wchar_t *s1, const wchar_t *s2);

1488 /* wcsftime.c */
1489 #if !defined(__amd64) /* XX64 - fix me */
1490 size_t wcsftime(wchar_t *wcs, size_t maxsize,
1491               const char *format, const struct tm *timeptr);
1492 #endif /* __amd64 */

1494 /* wcstring.c */
1495 wint_t fgetwc(FILE *iop);
1496 wint_t getwc(FILE *iop);
1497 int wcwidth(wchar_t wc);
1498 int wcswidth(const wchar_t *pwcs, size_t n);

1500 /* wcswcs.c */
1501 wchar_t *wcswcs(const wchar_t *ws1, const wchar_t *ws2);

1503 /* wcsxfrm.c - empty file! */

1505 /* wcsxfrm.xpg4.c */

1507 /* wisprint.c */

```

```

1508 int wisprint(wchar_t c);

1510 /* wscasecmp.c */
1511 int wscasecmp(const wchar_t *s1, const wchar_t *s2);

1513 /* wscat.c */
1514 wchar_t *wscat(wchar_t *_RESTRICT_KYWD s1, const wchar_t *_RESTRICT_KYWD s2);
1515 wchar_t *wscat(wchar_t *s1, const wchar_t *s2);

1517 /* wschr.c */
1518 wchar_t *wschr(const wchar_t *sp, wchar_t c);
1519 wchar_t *wschr(const wchar_t *sp, wchar_t c);

1521 /* wscmp.c */
1522 int wscmp(const wchar_t *s1, const wchar_t *s2);
1523 int wscmp(const wchar_t *s1, const wchar_t *s2);

1525 /* wscol.c */
1526 int wscol(const wchar_t *s1);

1528 /* wscpy.c */
1529 wchar_t *wscpy(wchar_t *_RESTRICT_KYWD s1, const wchar_t *_RESTRICT_KYWD s2);
1530 wchar_t *wscpy(wchar_t *s1, const wchar_t *s2);

1532 /* wscspn.c */
1533 size_t wscspn(const wchar_t *string, const wchar_t *charset);
1534 size_t wscspn(const wchar_t *string, const wchar_t *charset);

1536 /* wsdup.c */
1537 wchar_t *wsdup(const wchar_t *s1);

1539 /* wslen.c */
1540 size_t wslen(const wchar_t *s);
1541 size_t wslen(const wchar_t *s);

1543 /* wsnccasecmp.c */
1544 int wsnccasecmp(const wchar_t *s1, const wchar_t *s2, size_t n);

1546 /* wsnccat.c */
1547 wchar_t *wsnccat(wchar_t *_RESTRICT_KYWD s1, const wchar_t *_RESTRICT_KYWD s2,
1548                 size_t n);
1549 wchar_t *wsnccat(wchar_t *s1, const wchar_t *s2, size_t n);

1551 /* wsnncmp.c */
1552 int wsnncmp(const wchar_t *s1, const wchar_t *s2, size_t n);
1553 int wsnncmp(const wchar_t *s1, const wchar_t *s2, size_t n);

1555 /* wsnncpy.c */
1556 wchar_t *wsnncpy(wchar_t *_RESTRICT_KYWD s1, const wchar_t *_RESTRICT_KYWD s2,
1557                 size_t n);
1558 wchar_t *wsnncpy(wchar_t *s1, const wchar_t *s2, size_t n);

1560 /* wspbrc.c */
1561 wchar_t *wspbrc(const wchar_t *string, const wchar_t *brkset);
1562 wchar_t *wspbrc(const wchar_t *string, const wchar_t *brkset);

1564 /* wsprintf.c */
1565 int wsprintf(wchar_t *wstring, const char *format, ...);

1567 /* wsrchr.c */
1568 wchar_t *wsrchr(const wchar_t *sp, wchar_t c);
1569 wchar_t *wsrchr(const wchar_t *sp, wchar_t c);

1571 /* wsscang.c */
1572 int wsscang(wchar_t *s, const char *format, ...);

```

```

1574 /* wssize.c */

1576 /* wsspn.c */
1577 size_t wcssp(const wchar_t *string, const wchar_t *charset);
1578 size_t wsspn(const wchar_t *string, const wchar_t *charset);

1580 /* wstod.c */
1581 double wcstod(const wchar_t *_RESTRIC_KYWD cp, wchar_t **_RESTRIC_KYWD ptr);
1582 float wcstof(const wchar_t *_RESTRIC_KYWD cp, wchar_t **_RESTRIC_KYWD ptr);
1583 long double wcstold(const wchar_t *_RESTRIC_KYWD cp,
1584                     wchar_t **_RESTRIC_KYWD ptr);
1585 double wstod(const wchar_t *cp, wchar_t **ptr);

1587 /* wstok.c */
1588 #if !defined(__amd64) /* XX64 - fix me */
1589 wchar_t *wcstok(wchar_t *string, const wchar_t *sepset);
1590 wchar_t *wstok(wchar_t *string, const wchar_t *sepset);
1591 #endif /* __amd64 */

1593 /* wcstol.c */
1594 long wcstol(const wchar_t *_RESTRIC_KYWD str, wchar_t **_RESTRIC_KYWD ptr,
1595             int base);
1596 long long wcstoll(const wchar_t *_RESTRIC_KYWD str,
1597                  wchar_t **_RESTRIC_KYWD ptr, int base);

1599 /* wcstoul.c */
1600 unsigned long wcstoul(const wchar_t *_RESTRIC_KYWD str,
1601                      wchar_t **_RESTRIC_KYWD ptr, int base);
1602 unsigned long long wcstoull(const wchar_t *_RESTRIC_KYWD str,
1603                             wchar_t **_RESTRIC_KYWD ptr, int base);

1605 /* wcstoimax.c */
1606 intmax_t wcstoimax(const wchar_t *_RESTRIC_KYWD nptr,
1607                   wchar_t **_RESTRIC_KYWD endptr, int base);
1608 uintmax_t wcstoumax(const wchar_t *_RESTRIC_KYWD nptr,
1609                     wchar_t **_RESTRIC_KYWD endptr, int base);

1611 /* wstol.c */
1612 long wstol(const wchar_t *str, wchar_t **ptr, int base);

1614 /* wstoll.c */
1615 long long wstoll(const wchar_t *str, wchar_t **ptr, int base);
1616 long long watoll(const wchar_t *p);

1618 /* wsxfrm.c */
1619 size_t wsxfrm(wchar_t *s1, const wchar_t *s2, size_t n);
1620 int wscoll(const wchar_t *s1, const wchar_t *s2);

1622 /*
1623  * /usr/src/lib/libc/port/gen/event_port.c
1624  */
1625 int port_dispatch(int port, int flags, int source, int events, uintptr_t object,
1626                  void *user);

1628 /*
1629  * /usr/src/lib/libc/$MACH/gen routines
1630  */

1632 /* alloca.s */

1634 void *__builtin_alloca(size_t);

1636 /*
1637  * modctl(int arg, ...) and utssys(...) are not available from a header
1638  * file, but our utilities which make use of it should be able to be
1639  * lint clean.

```

```

1640 */
1641 int modctl(int arg, ...);
1642 int utssys(void *buf, int arg, int type, void *outbp);

1645 typedef float single;
1646 typedef unsigned extended[3];
1647 typedef long double quadruple;
1648 typedef unsigned fp_exception_field_type;

1650 typedef char decimal_string[512];

1652 enum fp_class_type {
1653     fp_zero = 0,
1654     fp_subnormal = 1,
1655     fp_normal = 2,
1656     fp_infinity = 3,
1657     fp_quiet = 4,
1658     fp_signaling = 5
1659 };
_____unchanged_portion_omitted_____

```

new/usr/src/lib/libc/port/locale/lmonetary.c

1

```
*****
5228 Mon Jul 14 17:47:58 2014
new/usr/src/lib/libc/port/locale/lmonetary.c
4964 nl_langinfo(CRNCYSTR) returns wrong alignment character
4999 libc test suite enhancements
4939 desire wcsnrtoombs() function
Reviewed by: Jason King <jason.brian.king@gmail.com>
Reviewed by: Dan McDonald <danmcd@omniti.com>
Reviewed by: Igor Kozhukhov <ikozhukhov@gmail.com>
Approved by: TBD
*****
_____unchanged_portion_omitted_____

90 struct locdata *
91 __lc_monetary_load(const char *name)
92 {
93     int ret;
94     int clen;
95     struct lc_monetary *lmon;
96     struct locdata *ldata;

98     if ((ldata = __locdata_alloc(name, sizeof (*lmon))) == NULL) {
99         return (NULL);
100     }
101     lmon = ldata->l_data[0];

103     ret = __part_load_locale(name, (char **)&ldata->l_data[1],
104         "LC_MONETARY", LCMONETARY_SIZE_FULL, LCMONETARY_SIZE_MIN,
105         (const char **)lmon);

107     if (ret != _LDP_LOADED) {
108         __locdata_free(ldata);
109         errno = EINVAL;
110         return (NULL);
111     }

113     /* special storage for currency string */
114     clen = strlen(lmon->currency_symbol) + 2;
115     ldata->l_data[2] = libc_malloc(clen);
116     lmon->crncystr = ldata->l_data[2];

118     lmon->mon_grouping = __fix_locale_grouping_str(lmon->mon_grouping);

120 #define M_ASSIGN_CHAR(NAME) \
121     ((char *)lmon->NAME)[0] = cnv(lmon->NAME)

123     M_ASSIGN_CHAR(int_frac_digits);
124     M_ASSIGN_CHAR(frac_digits);
125     M_ASSIGN_CHAR(p_cs_precedes);
126     M_ASSIGN_CHAR(p_sep_by_space);
127     M_ASSIGN_CHAR(n_cs_precedes);
128     M_ASSIGN_CHAR(n_sep_by_space);
129     M_ASSIGN_CHAR(p_sign_posn);
130     M_ASSIGN_CHAR(n_sign_posn);

132     /*
133     * The six additional C99 international monetary formatting
134     * parameters default to the national parameters when
135     * reading FreeBSD LC_MONETARY data files.
136     */
137 #define M_ASSIGN_ICHAR(NAME) \
138     if (lmon->int_##NAME == NULL) \
139         lmon->int_##NAME = lmon->NAME; \
140     else \
141         M_ASSIGN_CHAR(int_##NAME);
```

new/usr/src/lib/libc/port/locale/lmonetary.c

2

```
143     M_ASSIGN_ICHAR(p_cs_precedes);
144     M_ASSIGN_ICHAR(n_cs_precedes);
145     M_ASSIGN_ICHAR(p_sep_by_space);
146     M_ASSIGN_ICHAR(n_sep_by_space);
147     M_ASSIGN_ICHAR(p_sign_posn);
148     M_ASSIGN_ICHAR(n_sign_posn);

150     /*
151     * Now calculate the currency string (CRNCYSTR) for nl_langinfo.
152     * This is a legacy SUSv2 interface.
153     */
154     if ((lmon->p_cs_precedes[0] == lmon->n_cs_precedes[0] &&
155         (lmon->currency_symbol[0] != '\0')) {
156         char sign = '\0';
157         switch (lmon->p_cs_precedes[0]) {
158             case 0:
159                 sign = '+';
160                 sign = '-';
161                 break;
162             case 1:
163                 sign = '-';
164                 sign = '+';
165                 break;
166             case CHAR_MAX:
167                 /*
168                 * Substitute currency string for radix character.
169                 * To the best of my knowledge, no locale uses this.
170                 */
171                 if (strcmp(lmon->mon_decimal_point,
172                     lmon->currency_symbol) == 0)
173                     sign = '.';
174                 break;
175             }
176         (void) snprintf(lmon->crncystr, clen, "%c%s", sign,
177             lmon->currency_symbol);

178     }
179 }
_____unchanged_portion_omitted_____
```

```

*****
56378 Mon Jul 14 17:47:58 2014
new/usr/src/lib/libc/port/mapfile-vers
4964 nl_langinfo(CRNCYSTR) returns wrong alignment character
4999 libc test suite enhancements
4939 desire wcsnrtombs() function
Reviewed by: Jason King <jason.brian.king@gmail.com>
Reviewed by: Dan McDonald <dammcd@omniti.com>
Reviewed by: Igor Kozhukhov <ikozhukhov@gmail.com>
Approved by: TBD
*****
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 # Copyright (c) 2006, 2010, Oracle and/or its affiliates. All rights reserved.
23 #
24 # Copyright 2010 Nexenta Systems, Inc. All rights reserved.
25 # Use is subject to license terms.
26 #
27 # Copyright (c) 2012 by Delphix. All rights reserved.
28 # Copyright (c) 2012, Joyent, Inc. All rights reserved.
29 # Copyright (c) 2013, OmniTI Computer Consulting, Inc. All rights reserved.
30 # Copyright (c) 2013 Gary Mills
31 # Copyright 2014 Garrett D'Amore <garrett@damore.org>

33 #
34 # MAPFILE HEADER START
35 #
36 # WARNING: STOP NOW. DO NOT MODIFY THIS FILE.
37 # Object versioning must comply with the rules detailed in
38 #
39 #     usr/src/lib/README.mapfiles
40 #
41 # You should not be making modifications here until you've read the most current
42 # copy of that file. If you need help, contact a gatekeeper for guidance.
43 #
44 # MAPFILE HEADER END
45 #

47 $mapfile_version 2

49 #
50 # All function names added to this or any other libc mapfile
51 # must be placed under the 'protected:' designation.
52 # The 'global:' designation is used *only* for data
53 # items and for the members of the malloc() family.
54 #

```

```

56 #
57 # README README README README README README: how to update this file
58 # 1) each version of Solaris/OpenSolaris gets a version number.
59 # (Actually since Solaris is actually a series of OpenSolaris releases
60 # we'll just use OpenSolaris for this exercise.)
61 # OpenSolaris 2008.11 gets 1.23
62 # OpenSolaris 2009.04 gets 1.24
63 # etc.
64 # 2) each project integration uses a unique version number.
65 # PSARC/2008/123 gets 1.24.1
66 # PSARC/2008/456 gets 1.24.2
67 # etc.
68 #

71 # Mnemonic conditional input identifiers:
72 #
73 # - amd64, i386, sparc32, sparcv9: Correspond to ISA subdirectories used to
74 # hold per-platform code. Note however that we use 'sparc32' instead of
75 # 'sparc'. Since '_sparc' is predefined to apply to, all sparc platforms,
76 # naming the 32-bit version 'sparc' would be too likely to cause errors.
77 #
78 # - lf64: Defined on platforms that offer the 32-bit largefile APIs
79 #
80 $if _ELF32
81 $add lf64
82 $endif
83 $if _sparc && _ELF32
84 $add sparc32
85 $endif
86 $if _sparc && _ELF64
87 $add sparcv9
88 $endif
89 $if _x86 && _ELF32
90 $add i386
91 $endif
92 $if _x86 && _ELF64
93 $add amd64
94 $endif

96 SYMBOL_VERSION ILLUMOS_0.9 {
97     protected:
98         wcsnrtombs;
99         wcsnrtombs_l;
100 } ILLUMOS_0.8;

102 SYMBOL_VERSION ILLUMOS_0.8 { # POSIX 2008 newlocale and friends
103     protected:
104         __global_locale;
105         __mb_cur_max;
106         __mb_cur_max_l;
107         btowc_l;
108         duplocale;
109         fgetwc_l;
110         freelocale;
111         getwc_l;
112         isalnum_l;
113         isalpha_l;
114         isblank_l;
115         iscntrl_l;
116         isdigit_l;
117         isgraph_l;
118         islower_l;
119         isprint_l;
120         ispunct_l;
121         isspace_l;

```

```
122     isupper_l;  
123     iswideogram;  
124     iswideogram_l;  
125     iswnumber;  
126     iswnumber_l;  
127     iswhexnumber;  
128     iswhexnumber_l;  
129     iswphonogram;  
130     iswphonogram_l;  
131     iswspecial;  
132     iswspecial_l;  
133     iswalnum_l;  
134     iswalpha_l;  
135     iswblank_l;  
136     iswcntrl_l;  
137     iswctype_l;  
138     iswdigit_l;  
139     iswgraph_l;  
140     iswlower_l;  
141     iswprint_l;  
142     iswpunct_l;  
143     iswspace_l;  
144     iswupper_l;  
145     mblen_l;  
146     mbrlen_l;  
147     mbsinit_l;  
148     mbsnrtowcs;  
149     mbsnrtowcs_l;  
150     mbsrtowcs_l;  
151     mbstowcs_l;  
152     mbtowc_l;  
153     newlocale;  
154     nl_langinfo_l;  
155     strcasecmp_l;  
156     strcasestr_l;  
157     strcoll_l;  
158     strfmon_l;  
159     strptime_l;  
160     strncasecmp_l;  
161     strptime_l;  
162     strxfrm_l;  
163     tolower_l;  
164     toupper_l;  
165     tolower_l;  
166     toupper_l;  
167     towctrans_l;  
168    uselocale;  
169     wctomb_l;  
170     wcscasecmp_l;  
171     wcscoll_l;  
172     wcsncasecmp_l;  
173     wcsrtombs_l;  
174     wcstombs_l;  
175     wcswidth_l;  
176     wcsxfrm_l;  
177     wctob_l;  
178     wctomb_l;  
179     wctrans_l;  
180     wctype_l;  
181     wcwidth_l;  
182 } ILLUMOS_0.7;  
_____  
_____unchanged_portion_omitted_____
```

```

*****
64211 Mon Jul 14 17:47:59 2014
new/usr/src/man/man3c/Makefile
4964 nl_langinfo(CRNCYSTR) returns wrong alignment character
4999 libc test suite enhancements
4939 desire wcsnrtoombs() function
Reviewed by: Jason King <jason.brian.king@gmail.com>
Reviewed by: Dan McDonald <dancmd@omniti.com>
Reviewed by: Igor Kozhukhov <ikozhukhov@gmail.com>
Approved by: TBD
*****
1 #
2 # This file and its contents are supplied under the terms of the
3 # Common Development and Distribution License ("CDDL"), version 1.0.
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9 # at http://www.illumos.org/license/CDDL.
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11 #
12 #
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14 # Copyright 2013 Nexenta Systems, Inc. All rights reserved.
15 # Copyright 2013, OmniTI Computer Consulting, Inc. All rights reserved.
16 # Copyright 2014 Garrett D'Amore <garrett@damore.org>
17 #
18 #
19 include      $(SRC)/Makefile.master
20 #
21 MANSECT=     3c
22 #
23 MANFILES=    ___fbufsize.3c
24              ___longjmp.3c
25              ___stack_grow.3c
26              a64l.3c
27              abort.3c
28              abs.3c
29              addsev.3c
30              addseverity.3c
31              aio_cancel.3c
32              aio_error.3c
33              aio_fsync.3c
34              aio_read.3c
35              aio_return.3c
36              aio_suspend.3c
37              aio_waitn.3c
38              aio_write.3c
39              aiocancel.3c
40              aioread.3c
41              aiowait.3c
42              assert.3c
43              atexit.3c
44              atomic_add.3c
45              atomic_and.3c
46              atomic_bits.3c
47              atomic_cas.3c
48              atomic_dec.3c
49              atomic_inc.3c
50              atomic_ops.3c
51              atomic_or.3c
52              atomic_swap.3c
53              attropen.3c
54              basename.3c
55              bsd_signal.3c

```

```

56              bsearch.3c
57              bstring.3c
58              btowc.3c
59              catgets.3c
60              catopen.3c
61              cfgetispeed.3c
62              cfsetispeed.3c
63              clock.3c
64              clock_nanosleep.3c
65              clock_settime.3c
66              closedir.3c
67              closefrom.3c
68              cond_init.3c
69              confstr.3c
70              crypt.3c
71              crypt_genhash_impl.3c
72              crypt_gensalt.3c
73              crypt_gensalt_impl.3c
74              cset.3c
75              ctermid.3c
76              ctime.3c
77              ctype.3c
78              cuserid.3c
79              daemon.3c
80              decimal_to_floating.3c
81              difftime.3c
82              directio.3c
83              dirfd.3c
84              dirname.3c
85              div.3c
86              dladdr.3c
87              dlclose.3c
88              dldump.3c
89              dlerror.3c
90              dlinfo.3c
91              dlopen.3c
92              dlsym.3c
93              door_bind.3c
94              door_call.3c
95              door_create.3c
96              door_cred.3c
97              door_getparam.3c
98              door_info.3c
99              door_return.3c
100             door_revoke.3c
101             door_server_create.3c
102             door_ucred.3c
103             drand48.3c
104             dup2.3c
105             econvert.3c
106             ecvt.3c
107             enable_extended_FILE_stdio.3c
108             encrypt.3c
109             end.3c
110             err.3c
111             euclen.3c
112             exit.3c
113             fattach.3c
114             fclose.3c
115             fdasyncread.3c
116             fdetach.3c
117             fdopen.3c
118             ferrord.3c
119             fflush.3c
120             ffs.3c
121             fgetattr.3c

```



```

122         fgetc.3c
123         fgetpos.3c
124         fgetwc.3c
125         floating_to_decimal.3c
126         flockfile.3c
127         fmtmsg.3c
128         fnmatch.3c
129         fopen.3c
130         fpgetround.3c
131         fputc.3c
132         fputwc.3c
133         fputws.3c
134         fread.3c
135         freopen.3c
136         fseek.3c
137         fsetpos.3c
138         fsync.3c
139         ftell.3c
140         ftime.3c
141         ftok.3c
142         ftw.3c
143         fwide.3c
144         fwprintf.3c
145         fwrite.3c
146         fwscanf.3c
147         getcputid.3c
148         getcwd.3c
149         getdate.3c
150         getdtablesize.3c
151         getenv.3c
152         getexecname.3c
153         getgrnam.3c
154         gethostid.3c
155         gethostname.3c
156         gethrtime.3c
157         getline.3c
158         getloadavg.3c
159         getlogin.3c
160         getmntent.3c
161         getnetgrent.3c
162         getopt.3c
163         getpagesize.3c
164         getpagesizes.3c
165         getpass.3c
166         getpeerucred.3c
167         getpriority.3c
168         getpw.3c
169         getpwnam.3c
170         getrusage.3c
171         gets.3c
172         getspnam.3c
173         getsubopt.3c
174         gettext.3c
175         gettimeofday.3c
176         gettxt.3c
177         getusershell.3c
178         getutent.3c
179         getutxent.3c
180         getvfsent.3c
181         getwc.3c
182         getwchar.3c
183         getwd.3c
184         getwidth.3c
185         getws.3c
186         getzoneid.3c
187         glob.3c

```

```

188         grantpt.3c
189         hsearch.3c
190         iconv.3c
191         iconv_close.3c
192         iconv_open.3c
193         imaxabs.3c
194         imaxdiv.3c
195         index.3c
196         initgroups.3c
197         insque.3c
198         is_system_labeled.3c
199         isaexec.3c
200         isastream.3c
201         isatty.3c
202         isnand.3c
203         iswalph.3c
204         iswctype.3c
205         killpg.3c
206         lockpwnf.3c
207         lfmt.3c
208         lio_listio.3c
209         localeconv.3c
210         lockf.3c
211         lsearch.3c
212         madvise.3c
213         makecontext.3c
214         madev.3c
215         malloc.3c
216         mblen.3c
217         mbrlen.3c
218         mbrtowc.3c
219         mbsinit.3c
220         mbsrtowcs.3c
221         mbtowc.3c
222         membar_ops.3c
223         memory.3c
224         mkfifo.3c
225         mkstemp.3c
226         mktemp.3c
227         mkttime.3c
228         mlock.3c
229         mlockall.3c
230         monitor.3c
231         mq_close.3c
232         mq_getattr.3c
233         mq_notify.3c
234         mq_open.3c
235         mq_receive.3c
236         mq_send.3c
237         mq_setattr.3c
238         mq_unlink.3c
239         msync.3c
240         mutex_init.3c
241         nanosleep.3c
242         ndbm.3c
243         newlocale.3c
244         nl_langinfo.3c
245         offsetof.3c
246         opendir.3c
247         perror.3c
248         pfmt.3c
249         plock.3c
250         popen.3c
251         port_alert.3c
252         port_associate.3c
253         port_create.3c

```

```

254     port_get.3c //
255     port_send.3c //
256     posix_fadvise.3c //
257     posix_fallocate.3c //
258     posix_madvise.3c //
259     posix_memalign.3c //
260     posix_openpt.3c //
261     posix_spawn.3c //
262     posix_spawn_file_actions_addclose.3c //
263     posix_spawn_file_actions_addclosefrom_np.3c //
264     posix_spawn_file_actions_adddup2.3c //
265     posix_spawn_file_actions_destroy.3c //
266     posix_spawn_pipe_np.3c //
267     posix_spawnattr_destroy.3c //
268     posix_spawnattr_getflags.3c //
269     posix_spawnattr_getpgroup.3c //
270     posix_spawnattr_getschedparam.3c //
271     posix_spawnattr_getschedpolicy.3c //
272     posix_spawnattr_getsigdefault.3c //
273     posix_spawnattr_getsigignore_np.3c //
274     posix_spawnattr_getsigmask.3c //
275     printf.3c //
276     priv_addset.3c //
277     priv_set.3c //
278     priv_str_to_set.3c //
279     pset_getloadavg.3c //
280     psignal.3c //
281     pthread_atfork.3c //
282     pthread_attr_getdetachstate.3c //
283     pthread_attr_getguardsize.3c //
284     pthread_attr_getinheritsched.3c //
285     pthread_attr_getschedparam.3c //
286     pthread_attr_getschedpolicy.3c //
287     pthread_attr_getscope.3c //
288     pthread_attr_getstack.3c //
289     pthread_attr_getstackaddr.3c //
290     pthread_attr_getstacksize.3c //
291     pthread_attr_init.3c //
292     pthread_barrier_destroy.3c //
293     pthread_barrier_wait.3c //
294     pthread_barrierattr_destroy.3c //
295     pthread_barrierattr_getpshared.3c //
296     pthread_cancel.3c //
297     pthread_cleanup_pop.3c //
298     pthread_cleanup_push.3c //
299     pthread_cond_init.3c //
300     pthread_cond_signal.3c //
301     pthread_cond_wait.3c //
302     pthread_condattr_getclock.3c //
303     pthread_condattr_getpshared.3c //
304     pthread_condattr_init.3c //
305     pthread_create.3c //
306     pthread_detach.3c //
307     pthread_equal.3c //
308     pthread_exit.3c //
309     pthread_getconcurrency.3c //
310     pthread_getschedparam.3c //
311     pthread_getspecific.3c //
312     pthread_join.3c //
313     pthread_key_create.3c //
314     pthread_key_delete.3c //
315     pthread_kill.3c //
316     pthread_mutex_getprioceiling.3c //
317     pthread_mutex_init.3c //
318     pthread_mutex_lock.3c //
319     pthread_mutex_timedlock.3c //

```

```

320     pthread_mutexattr_getprioceiling.3c //
321     pthread_mutexattr_getprotocol.3c //
322     pthread_mutexattr_getpshared.3c //
323     pthread_mutexattr_gettype.3c //
324     pthread_mutexattr_init.3c //
325     pthread_once.3c //
326     pthread_rwlock_init.3c //
327     pthread_rwlock_rdlock.3c //
328     pthread_rwlock_timedrdlock.3c //
329     pthread_rwlock_timedwrlock.3c //
330     pthread_rwlock_unlock.3c //
331     pthread_rwlock_wrlock.3c //
332     pthread_rwlockattr_getpshared.3c //
333     pthread_rwlockattr_init.3c //
334     pthread_self.3c //
335     pthread_setcancelstate.3c //
336     pthread_setcanceltype.3c //
337     pthread_setschedprio.3c //
338     pthread_sigmask.3c //
339     pthread_spin_destroy.3c //
340     pthread_spin_lock.3c //
341     pthread_spin_unlock.3c //
342     pthread_testcancel.3c //
343     ptrace.3c //
344     ptsname.3c //
345     putenv.3c //
346     putpwent.3c //
347     puts.3c //
348     putspent.3c //
349     putws.3c //
350     qsort.3c //
351     raise.3c //
352     rand.3c //
353     random.3c //
354     rctl_walk.3c //
355     rctlblk_set_value.3c //
356     re_comp.3c //
357     readdir.3c //
358     realpath.3c //
359     reboot.3c //
360     regcmp.3c //
361     regcomp.3c //
362     remove.3c //
363     rewind.3c //
364     rewinddir.3c //
365     rlock.3c //
366     scandir.3c //
367     scanf.3c //
368     sched_get_priority_max.3c //
369     sched_getparam.3c //
370     sched_getscheduler.3c //
371     sched_rr_get_interval.3c //
372     sched_setparam.3c //
373     sched_setscheduler.3c //
374     sched_yield.3c //
375     schedctl_init.3c //
376     seekdir.3c //
377     select.3c //
378     sem_close.3c //
379     sem_destroy.3c //
380     sem_getvalue.3c //
381     sem_init.3c //
382     sem_open.3c //
383     sem_post.3c //
384     sem_timedwait.3c //
385     sem_unlink.3c //

```

```

386         sem_wait.3c
387         semaphore.3c
388         setbuf.3c
389         setbuffer.3c
390         setcat.3c
391         setenv.3c
392         setjmp.3c
393         setkey.3c
394         setlabel.3c
395         setlocale.3c
396         shm_open.3c
397         shm_unlink.3c
398         sigfpe.3c
399         siginterrupt.3c
400         signal.3c
401         sigqueue.3c
402         sigsetops.3c
403         sigstack.3c
404         sigwaitinfo.3c
405         sleep.3c
406         ssignal.3c
407         stack_getbounds.3c
408         stack_inbounds.3c
409         stack_setbounds.3c
410         stack_violation.3c
411         stdio.3c
412         str2sig.3c
413         strcoll.3c
414         strerror.3c
415         strfmon.3c
416         strftime.3c
417         string.3c
418         string_to_decimal.3c
419         strptime.3c
420         strsignal.3c
421         strtod.3c
422         strtointmax.3c
423         strtol.3c
424         strtoul.3c
425         strtows.3c
426         strxfrm.3c
427         swab.3c
428         sync_instruction_memory.3c
429         sysconf.3c
430         syslog.3c
431         system.3c
432         tcdrain.3c
433         tcflow.3c
434         tcflush.3c
435         tcgetattr.3c
436         tcgetpgrp.3c
437         tcgetsid.3c
438         tcsendbreak.3c
439         tcsetattr.3c
440         tcsetpgrp.3c
441         tell.3c
442         telldir.3c
443         termios.3c
444         thr_create.3c
445         thr_exit.3c
446         thr_getconcurrency.3c
447         thr_getprio.3c
448         thr_join.3c
449         thr_keycreate.3c
450         thr_kill.3c
451         thr_main.3c

```

```

452         thr_min_stack.3c
453         thr_self.3c
454         thr_sigsetmask.3c
455         thr_stksegment.3c
456         thr_suspend.3c
457         thr_yield.3c
458         timer_create.3c
459         timer_delete.3c
460         timer_settime.3c
461         timeradd.3c
462         tmpfile.3c
463         tmpnam.3c
464         toascii.3c
465         tolower.3c
466         toupper.3c
467         tolower.3c
468         towupper.3c
469         truncate.3c
470         tsearch.3c
471         ttyname.3c
472         ttyslot.3c
473         u8_strcmp.3c
474         u8_textprep_str.3c
475         u8_validate.3c
476         ualarm.3c
477         uconv_ul6tou32.3c
478         ucred_get.3c
479         ungetc.3c
480         ungetwc.3c
481         unlockpt.3c
482         unsetenv.3c
483         uselocale.3c
484         usleep.3c
485         vfwprintf.3c
486         vfmt.3c
487         vpfmt.3c
488         vprintf.3c
489         vsyslog.3c
490         wait.3c
491         wait3.3c
492         waitpid.3c
493         walkcontext.3c
494         wctomb.3c
495         wcscoll.3c
496         wcsftime.3c
497         wcsrtombs.3c
498         wcsstr.3c
499         wcstod.3c
500         wcstointmax.3c
501         wcstol.3c
502         wcstoul.3c
503         wcstring.3c
504         wcswidth.3c
505         wcxfrm.3c
506         wctob.3c
507         wctomb.3c
508         wctrans.3c
509         wctype.3c
510         wcwidth.3c
511         wmemchr.3c
512         wmemcmp.3c
513         wmemcpy.3c
514         wmemmove.3c
515         wmemset.3c
516         wordexp.3c
517         wsprintf.3c

```

```

518 wsscanf.3c
519 wstring.3c
521 MANLINKS= FD_CLR.3c
522 FD_ISSET.3c
523 FD_SET.3c
524 FD_ZERO.3c
525 __flbf.3c
526 __fpending.3c
527 __fpurge.3c
528 __freadable.3c
529 __freading.3c
530 __fsetlocking.3c
531 __fwritable.3c
532 __fwriting.3c
533 __edata.3c
534 __end.3c
535 __etext.3c
536 __exithandle.3c
537 __flushlbf.3c
538 __setjmp.3c
539 addrtosymstr.3c
540 aiowrite.3c
541 alloca.3c
542 alphasort.3c
543 ascftime.3c
544 asctime.3c
545 asctime_r.3c
546 asprintf.3c
547 atof.3c
548 atoi.3c
549 atol.3c
550 atoll.3c
551 atomic_add_16.3c
552 atomic_add_16_nv.3c
553 atomic_add_32.3c
554 atomic_add_32_nv.3c
555 atomic_add_64.3c
556 atomic_add_64_nv.3c
557 atomic_add_8.3c
558 atomic_add_8_nv.3c
559 atomic_add_char.3c
560 atomic_add_char_nv.3c
561 atomic_add_int.3c
562 atomic_add_int_nv.3c
563 atomic_add_long.3c
564 atomic_add_long_nv.3c
565 atomic_add_ptr.3c
566 atomic_add_ptr_nv.3c
567 atomic_add_short.3c
568 atomic_add_short_nv.3c
569 atomic_and_16.3c
570 atomic_and_16_nv.3c
571 atomic_and_32.3c
572 atomic_and_32_nv.3c
573 atomic_and_64.3c
574 atomic_and_64_nv.3c
575 atomic_and_8.3c
576 atomic_and_8_nv.3c
577 atomic_and_uchar.3c
578 atomic_and_uchar_nv.3c
579 atomic_and_uint.3c
580 atomic_and_uint_nv.3c
581 atomic_and_ulong.3c
582 atomic_and_ulong_nv.3c
583 atomic_and_ushort.3c

```

```

584 atomic_and_ushort_nv.3c
585 atomic_cas_16.3c
586 atomic_cas_32.3c
587 atomic_cas_64.3c
588 atomic_cas_8.3c
589 atomic_cas_ptr.3c
590 atomic_cas_uchar.3c
591 atomic_cas_uint.3c
592 atomic_cas_ulong.3c
593 atomic_cas_ushort.3c
594 atomic_clear_long_excl.3c
595 atomic_dec_16.3c
596 atomic_dec_16_nv.3c
597 atomic_dec_32.3c
598 atomic_dec_32_nv.3c
599 atomic_dec_64.3c
600 atomic_dec_64_nv.3c
601 atomic_dec_8.3c
602 atomic_dec_8_nv.3c
603 atomic_dec_ptr.3c
604 atomic_dec_ptr_nv.3c
605 atomic_dec_uchar.3c
606 atomic_dec_uchar_nv.3c
607 atomic_dec_uint.3c
608 atomic_dec_uint_nv.3c
609 atomic_dec_ulong.3c
610 atomic_dec_ulong_nv.3c
611 atomic_dec_ushort.3c
612 atomic_dec_ushort_nv.3c
613 atomic_inc_16.3c
614 atomic_inc_16_nv.3c
615 atomic_inc_32.3c
616 atomic_inc_32_nv.3c
617 atomic_inc_64.3c
618 atomic_inc_64_nv.3c
619 atomic_inc_8.3c
620 atomic_inc_8_nv.3c
621 atomic_inc_ptr.3c
622 atomic_inc_ptr_nv.3c
623 atomic_inc_uchar.3c
624 atomic_inc_uchar_nv.3c
625 atomic_inc_uint.3c
626 atomic_inc_uint_nv.3c
627 atomic_inc_ulong.3c
628 atomic_inc_ulong_nv.3c
629 atomic_inc_ushort.3c
630 atomic_inc_ushort_nv.3c
631 atomic_or_16.3c
632 atomic_or_16_nv.3c
633 atomic_or_32.3c
634 atomic_or_32_nv.3c
635 atomic_or_64.3c
636 atomic_or_64_nv.3c
637 atomic_or_8.3c
638 atomic_or_8_nv.3c
639 atomic_or_uchar.3c
640 atomic_or_uchar_nv.3c
641 atomic_or_uint.3c
642 atomic_or_uint_nv.3c
643 atomic_or_ulong.3c
644 atomic_or_ulong_nv.3c
645 atomic_or_ushort.3c
646 atomic_or_ushort_nv.3c
647 atomic_set_long_excl.3c
648 atomic_swap_16.3c
649 atomic_swap_32.3c

```

```

650         atomic_swap_64.3c
651         atomic_swap_8.3c
652         atomic_swap_ptr.3c
653         atomic_swap_uchar.3c
654         atomic_swap_uint.3c
655         atomic_swap_ulong.3c
656         atomic_swap_ushort.3c
657         backtrace.3c
658         backtrace_symbols.3c
659         backtrace_symbols_fd.3c
660         bcmp.3c
661         bcopy.3c
662         bind_textdomain_codeset.3c
663         bindtextdomain.3c
664         btowc_l.3c
665         bzero.3c
666         calloc.3c
667         catclose.3c
668         cfgetospeed.3c
669         cfsetospeed.3c
670         cftime.3c
671         clearerr.3c
672         clock_getres.3c
673         clock_gettime.3c
674         closelog.3c
675         cond_broadcast.3c
676         cond_destroy.3c
677         cond_reltimedwait.3c
678         cond_signal.3c
679         cond_timedwait.3c
680         cond_wait.3c
681         csetcol.3c
682         csetlen.3c
683         csetno.3c
684         ctermid_r.3c
685         ctime_r.3c
686         dbm_clearerr.3c
687         dbm_close.3c
688         dbm_delete.3c
689         dbm_error.3c
690         dbm_fetch.3c
691         dbm_firstkey.3c
692         dbm_nextkey.3c
693         dbm_open.3c
694         dbm_store.3c
695         dcgettext.3c
696         dcngettext.3c
697         decimal_to_double.3c
698         decimal_to_extended.3c
699         decimal_to_quadruple.3c
700         decimal_to_single.3c
701         dgettext.3c
702         dladdr1.3c
703         dllopen.3c
704         dngettext.3c
705         door_setparam.3c
706         door_unbind.3c
707         double_to_decimal.3c
708         dup3.3c
709         duplocale.3c
710         edata.3c
711         endgrent.3c
712         endnetgrent.3c
713         endpwent.3c
714         endspent.3c
715         endusershell.3c

```

```

716         endutent.3c
717         endutxent.3c
718         erand48.3c
719         errno.3c
720         errx.3c
721         etext.3c
722         euccol.3c
723         eucscol.3c
724         extended_to_decimal.3c
725         fconvert.3c
726         fcvt.3c
727         fdopendir.3c
728         fdwalk.3c
729         feof.3c
730         fgetgrent.3c
731         fgetgrent_r.3c
732         fgetpwent.3c
733         fgetpwent_r.3c
734         fgets.3c
735         fgetspent.3c
736         fgetspent_r.3c
737         fgetwc_l.3c
738         fgetws.3c
739         file_to_decimal.3c
740         fileno.3c
741         finite.3c
742         fpclass.3c
743         fpgetmask.3c
744         fpgetsticky.3c
745         fprintf.3c
746         fpsetmask.3c
747         fpsetround.3c
748         fpsetsticky.3c
749         fputs.3c
750         free.3c
751         freelocale.3c
752         fscanf.3c
753         fseeko.3c
754         fsetattr.3c
755         ftello.3c
756         ftruncate.3c
757         ftrylockfile.3c
758         func_to_decimal.3c
759         funlockfile.3c
760         gconvert.3c
761         gcvt.3c
762         getatrat.3c
763        getc.3c
764         getc_unlocked.3c
765         getchar.3c
766         getchar_unlocked.3c
767         getdelim.3c
768         getextmntent.3c
769         getgrent.3c
770         getgrent_r.3c
771         getgrgid.3c
772         getgrgid_r.3c
773         getgrnam_r.3c
774         gethomedgroup.3c
775         gethrvtime.3c
776         getlogin_r.3c
777         getmntany.3c
778         getnetgrent_r.3c
779         getpassphrase.3c
780         getpwent.3c
781         getpwent_r.3c

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```

782         getpwnam_r.3c
783         getpwuid.3c
784         getpwuid_r.3c
785         getspent.3c
786         getspent_r.3c
787         getspnam_r.3c
788         getutid.3c
789         getutline.3c
790         getutmp.3c
791         getutmpx.3c
792         getutxid.3c
793         getutxline.3c
794         getvfsany.3c
795         getvfsfile.3c
796         getvfsspec.3c
797         getw.3c
798         getwc_l.3c
799         getwchar_l.3c
800         getzoneidbyname.3c
801         getzonenamebyid.3c
802         globfree.3c
803         gmtime.3c
804         gmtime_r.3c
805         gsignal.3c
806         hasmntopt.3c
807         hcreate.3c
808         hdestroy.3c
809         initstate.3c
810         innetgr.3c
811         isalnum.3c
812         isalnum_l.3c
813         isalpha.3c
814         isalpha_l.3c
815         isascii.3c
816         isblank.3c
817         isblank_l.3c
818         iscntrl.3c
819         iscntrl_l.3c
820         isdigit.3c
821         isdigit_l.3c
822         isenglish.3c
823         isgraph.3c
824         isgraph_l.3c
825         isideogram.3c
826         islower.3c
827         islower_l.3c
828         isnanf.3c
829         isnumber.3c
830         isphonogram.3c
831         isprint.3c
832         isprint_l.3c
833         ispunct.3c
834         ispunct_l.3c
835         isspace.3c
836         isspace_l.3c
837         isspecial.3c
838         isupper.3c
839         isupper_l.3c
840         iswalnum.3c
841         iswalnum_l.3c
842         iswalpha_l.3c
843         iswascii.3c
844         iswblank.3c
845         iswblank_l.3c
846         iswcntrl.3c
847         iswcntrl_l.3c

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```

848         iswctype_l.3c
849         iswdigit.3c
850         iswdigit_l.3c
851         iswgraph.3c
852         iswgraph_l.3c
853         iswideogram.3c
854         iswideogram_l.3c
855         iswhexnumber.3c
856         iswhexnumber_l.3c
857         iswlower.3c
858         iswlower_l.3c
859         iswnumber.3c
860         iswnumber_l.3c
861         iswphonogram.3c
862         iswphonogram_l.3c
863         iswprint.3c
864         iswprint_l.3c
865         iswpunct.3c
866         iswpunct_l.3c
867         iswspace.3c
868         iswspace_l.3c
869         iswspecial.3c
870         iswspecial_l.3c
871         iswupper.3c
872         iswupper_l.3c
873         iswxdigit.3c
874         iswxdigit_l.3c
875         isxdigit.3c
876         isxdigit_l.3c
877         jrand48.3c
878         l64a.3c
879         labs.3c
880         lcong48.3c
881         ldiv.3c
882         lfind.3c
883         llabs.3c
884         lldiv.3c
885         lltostr.3c
886         localtime.3c
887         localtime_r.3c
888         longjmp.3c
889         lrand48.3c
890         major.3c
891         mblen_l.3c
892         mbrlen_l.3c
893         mbrtowc_l.3c
894         mbsinit_l.3c
895         mbsnrtowcs.3c
896         mbsnrtowcs_l.3c
897         mbsrtowcs_l.3c
898         mbstowcs.3c
899         mbstowcs_l.3c
900         mbtowc_l.3c
901         memalign.3c
902         membar_consumer.3c
903         membar_enter.3c
904         membar_exit.3c
905         membar_producer.3c
906         memccpy.3c
907         memchr.3c
908         memcmp.3c
909         memcpy.3c
910         memmove.3c
911         memset.3c
912         minor.3c
913         mkdtemp.3c

```

```

914 mkostemp.3c //
915 mkostemps.3c //
916 mkstemp.3c //
917 mq_reltimedreceive_np.3c //
918 mq_reltimedsend_np.3c //
919 mq_timedreceive.3c //
920 mq_timedsend.3c //
921 mrand48.3c //
922 munlock.3c //
923 munlockall.3c //
924 mutex_consistent.3c //
925 mutex_destroy.3c //
926 mutex_lock.3c //
927 mutex_trylock.3c //
928 mutex_unlock.3c //
929 nl_langinfo_l.3c //
930 nftw.3c //
931 ngettext.3c //
932 nrand48.3c //
933 openlog.3c //
934 pclose.3c //
935 port_dissociate.3c //
936 port_getn.3c //
937 port_sendn.3c //
938 posix_spawn_file_actions_addopen.3c //
939 posix_spawn_file_actions_init.3c //
940 posix_spawnattr_init.3c //
941 posix_spawnattr_setflags.3c //
942 posix_spawnattr_setpgroup.3c //
943 posix_spawnattr_setschedparam.3c //
944 posix_spawnattr_setschedpolicy.3c //
945 posix_spawnattr_setsigdefault.3c //
946 posix_spawnattr_setsigignore_np.3c //
947 posix_spawnattr_setsigmask.3c //
948 posix_spawnnp.3c //
949 printstack.3c //
950 priv_allocset.3c //
951 priv_basicset.3c //
952 priv_copysset.3c //
953 priv_delset.3c //
954 priv_emptyset.3c //
955 priv_fillset.3c //
956 priv_freerset.3c //
957 priv_getbyname.3c //
958 priv_getbynum.3c //
959 priv_getsetbyname.3c //
960 priv_getsetbynum.3c //
961 priv_gettext.3c //
962 priv_ineffect.3c //
963 priv_intersect.3c //
964 priv_inverse.3c //
965 priv_isemptyset.3c //
966 priv_isequalset.3c //
967 priv_isfullset.3c //
968 priv_ismember.3c //
969 priv_issubset.3c //
970 priv_set_to_str.3c //
971 priv_union.3c //
972 pselect.3c //
973 psiginfo.3c //
974 pthread_attr_destroy.3c //
975 pthread_attr_setdetachstate.3c //
976 pthread_attr_setguardsize.3c //
977 pthread_attr_setinheritsched.3c //
978 pthread_attr_setschedparam.3c //
979 pthread_attr_setschedpolicy.3c //

```

```

980 pthread_attr_setscope.3c //
981 pthread_attr_setstack.3c //
982 pthread_attr_setstackaddr.3c //
983 pthread_attr_setstacksize.3c //
984 pthread_barrier_init.3c //
985 pthread_barrierattr_init.3c //
986 pthread_barrierattr_setpshared.3c //
987 pthread_cond_broadcast.3c //
988 pthread_cond_destroy.3c //
989 pthread_cond_reltimedwait_np.3c //
990 pthread_cond_timedwait.3c //
991 pthread_condattr_destroy.3c //
992 pthread_condattr_setclock.3c //
993 pthread_condattr_setpshared.3c //
994 pthread_key_create_once_np.3c //
995 pthread_mutex_destroy.3c //
996 pthread_mutex_reltimedlock_np.3c //
997 pthread_mutex_setprioceiling.3c //
998 pthread_mutex_trylock.3c //
999 pthread_mutex_unlock.3c //
1000 pthread_mutexattr_destroy.3c //
1001 pthread_mutexattr_setprioceiling.3c //
1002 pthread_mutexattr_setprotocol.3c //
1003 pthread_mutexattr_setpshared.3c //
1004 pthread_mutexattr_settype.3c //
1005 pthread_rwlock_destroy.3c //
1006 pthread_rwlock_reltimedrdlock_np.3c //
1007 pthread_rwlock_reltimedwrlock_np.3c //
1008 pthread_rwlock_tryrdlock.3c //
1009 pthread_rwlock_trywrlock.3c //
1010 pthread_rwlockattr_destroy.3c //
1011 pthread_rwlockattr_setpshared.3c //
1012 pthread_setconcurrency.3c //
1013 pthread_setschedparam.3c //
1014 pthread_setspecific.3c //
1015 pthread_spin_init.3c //
1016 pthread_spin_trylock.3c //
1017 putc.3c //
1018 putc_unlocked.3c //
1019 putchar.3c //
1020 putchar_unlocked.3c //
1021 putmntent.3c //
1022 pututline.3c //
1023 pututxline.3c //
1024 putw.3c //
1025 putwc.3c //
1026 putwchar.3c //
1027 qeconvert.3c //
1028 qfconvert.3c //
1029 qgconvert.3c //
1030 quadruple_to_decimal.3c //
1031 rand_r.3c //
1032 rctlblk_get_enforced_value.3c //
1033 rctlblk_get_firing_time.3c //
1034 rctlblk_get_global_action.3c //
1035 rctlblk_get_global_flags.3c //
1036 rctlblk_get_local_action.3c //
1037 rctlblk_get_local_flags.3c //
1038 rctlblk_get_privilege.3c //
1039 rctlblk_get_recipient_pid.3c //
1040 rctlblk_get_value.3c //
1041 rctlblk_set_local_action.3c //
1042 rctlblk_set_local_flags.3c //
1043 rctlblk_set_privilege.3c //
1044 rctlblk_set_recipient_pid.3c //
1045 rctlblk_size.3c //

```

```

1046 re_exec.3c
1047 readdir_r.3c
1048 realloc.3c
1049 regerror.3c
1050 regex.3c
1051 regexec.3c
1052 regfree.3c
1053 remque.3c
1054 resetmnttab.3c
1055 rindex.3c
1056 rw_rdlock.3c
1057 rw_tryrdlock.3c
1058 rw_trywrlock.3c
1059 rw_unlock.3c
1060 rw_wrlock.3c
1061 rwlock_destroy.3c
1062 rwlock_init.3c
1063 sched_get_priority_min.3c
1064 schedctl_exit.3c
1065 schedctl_lookup.3c
1066 schedctl_start.3c
1067 schedctl_stop.3c
1068 seconvert.3c
1069 seed48.3c
1070 sem_reltimedwait_np.3c
1071 sem_trywait.3c
1072 sema_destroy.3c
1073 sema_init.3c
1074 sema_post.3c
1075 sema_trywait.3c
1076 sema_wait.3c
1077 setatrat.3c
1078 setgrent.3c
1079 sethostname.3c
1080 setlinebuf.3c
1081 setlogmask.3c
1082 setnetgrent.3c
1083 setpriority.3c
1084 setpwent.3c
1085 setspent.3c
1086 setstate.3c
1087 settimeofday.3c
1088 setusershell.3c
1089 setutent.3c
1090 setutxent.3c
1091 setvbuf.3c
1092 sfconvert.3c
1093 sgconvert.3c
1094 sig2str.3c
1095 sigaddset.3c
1096 sigdelset.3c
1097 sigemptyset.3c
1098 sigfillset.3c
1099 sighold.3c
1100 sigignore.3c
1101 sigismember.3c
1102 siglongjmp.3c
1103 sigpause.3c
1104 sigrelse.3c
1105 sigset.3c
1106 sigsetjmp.3c
1107 sigtimedwait.3c
1108 single_to_decimal.3c
1109 snprintf.3c
1110 sprintf.3c
1111 srand.3c

```

```

1112 srand48.3c
1113 srandom.3c
1114 sscanf.3c
1115 stderr.3c
1116 stdin.3c
1117 stdout.3c
1118 strcasecmp.3c
1119 strcasecmp_l.3c
1120 strcat.3c
1121 strchr.3c
1122 strcmp.3c
1123 strcoll_l.3c
1124 strcpy.3c
1125 strcspn.3c
1126 strdup.3c
1127 strerror_r.3c
1128 strfmon_l.3c
1129 strftime_l.3c
1130 strlcat.3c
1131 strlcpy.3c
1132 strlen.3c
1133 strncasecmp.3c
1134 strncasecmp_l.3c
1135 strncat.3c
1136 strncmp.3c
1137 strncpy.3c
1138 strnlen.3c
1139 strpbrk.3c
1140 strptime_l.3c
1141 strrchr.3c
1142 strsep.3c
1143 strspn.3c
1144 strstr.3c
1145 strtof.3c
1146 strtok.3c
1147 strtok_r.3c
1148 strtold.3c
1149 strtoll.3c
1150 strtoull.3c
1151 strtoumax.3c
1152 strxfrm_l.3c
1153 swapcontext.3c
1154 swprintf.3c
1155 swscanf.3c
1156 tdelete.3c
1157 tempnam.3c
1158 textdomain.3c
1159 tfind.3c
1160 thr_continue.3c
1161 thr_getspecific.3c
1162 thr_keycreate_once.3c
1163 thr_setconcurrency.3c
1164 thr_setprio.3c
1165 thr_setspecific.3c
1166 timer_getoverrun.3c
1167 timer_gettime.3c
1168 timerclear.3c
1169 timercmp.3c
1170 timerisset.3c
1171 timersub.3c
1172 tmpnam_r.3c
1173 tolower_l.3c
1174 toupper_l.3c
1175 towctrans.3c
1176 towctrans_l.3c
1177 tolower_l.3c

```



```

1178 towupper.1.3c //
1179 ttyname_r.3c //
1180 twalk.3c //
1181 tzset.3c //
1182 uconv_u16tou8.3c //
1183 uconv_u32tou16.3c //
1184 uconv_u32tou8.3c //
1185 uconv_u8tou16.3c //
1186 uconv_u8tou32.3c //
1187 ucred_free.3c //
1188 ucred_getegid.3c //
1189 ucred_geteuid.3c //
1190 ucred_getgroups.3c //
1191 ucred_getlabel.3c //
1192 ucred_getpflags.3c //
1193 ucred_getpid.3c //
1194 ucred_getprivset.3c //
1195 ucred_getprojid.3c //
1196 ucred_getrgid.3c //
1197 ucred_getruid.3c //
1198 ucred_getsgid.3c //
1199 ucred_getsuid.3c //
1200 ucred_getzoneid.3c //
1201 ucred_size.3c //
1202 ulckpwdf.3c //
1203 ulltostr.3c //
1204 unordered.3c //
1205 updwtmp.3c //
1206 updwtmpx.3c //
1207 utmpname.3c //
1208 utmpxname.3c //
1209 valloc.3c //
1210 vasprintf.3c //
1211 verr.3c //
1212 verrx.3c //
1213 vfprintf.3c //
1214 vfscanf.3c //
1215 vfwscanf.3c //
1216 vscanf.3c //
1217 vsnprintf.3c //
1218 vsprintf.3c //
1219 vsscanf.3c //
1220 vswprintf.3c //
1221 vswscanf.3c //
1222 vwarn.3c //
1223 vwarnx.3c //
1224 vwprintf.3c //
1225 vwscanf.3c //
1226 wait4.3c //
1227 warn.3c //
1228 warnx.3c //
1229 watof.3c //
1230 watoi.3c //
1231 watol.3c //
1232 watoll.3c //
1233 wcrtoomb_1.3c //
1234 wscat.3c //
1235 wscrchr.3c //
1236 wscmp.3c //
1237 wscoll_1.3c //
1238 wscpy.3c //
1239 wscspn.3c //
1240 wsetno.3c //
1241 wslen.3c //
1242 wsnocat.3c //
1243 wsnocmp.3c //

```

```

1244 wsnocpy.3c //
1245 wsnrtombs.3c //
1246 wsnrtombs_1.3c //
1247 wspbbrk.3c //
1248 wscrchr.3c //
1249 wscrtoomb_1.3c //
1250 wcsspn.3c //
1251 wcstof.3c //
1252 wcstok.3c //
1253 wcstold.3c //
1254 wstoll.3c //
1255 wstoull.3c //
1256 wstoumax.3c //
1257 wscwcs.3c //
1258 wscwidth_1.3c //
1259 wctob_1.3c //
1260 wctomb_1.3c //
1261 wctrans_1.3c //
1262 wctype_1.3c //
1263 wcwidth_1.3c //
1264 windex.3c //
1265 wordfree.3c //
1266 wprintf.3c //
1267 wrindex.3c //
1268 wscanf.3c //
1269 wscasecmp.3c //
1270 wscat.3c //
1271 wscrchr.3c //
1272 wscmp.3c //
1273 wscoll.3c //
1274 wscoll_1.3c //
1275 wscpy.3c //
1276 wscspn.3c //
1277 wsdup.3c //
1278 wslen.3c //
1279 wsnocasecmp.3c //
1280 wsnocat.3c //
1281 wsnocmp.3c //
1282 wsnocpy.3c //
1283 wspbbrk.3c //
1284 wscrchr.3c //
1285 wsspn.3c //
1286 wstod.3c //
1287 wstok.3c //
1288 wstol.3c //
1289 wstostr.3c //
1290 wsxfrm.3c //

1292 __flbf.3c := LINKSRC = __fbufsize.3c
1293 __fpending.3c := LINKSRC = __fbufsize.3c
1294 __fpurge.3c := LINKSRC = __fbufsize.3c
1295 __freadable.3c := LINKSRC = __fbufsize.3c
1296 __freading.3c := LINKSRC = __fbufsize.3c
1297 __fsetlocking.3c := LINKSRC = __fbufsize.3c
1298 __fwritable.3c := LINKSRC = __fbufsize.3c
1299 __fwriting.3c := LINKSRC = __fbufsize.3c
1300 __flushlbf.3c := LINKSRC = __fbufsize.3c

1302 _setjmp.3c := LINKSRC = _longjmp.3c

1304 l64a.3c := LINKSRC = a64l.3c

1306 labs.3c := LINKSRC = abs.3c
1307 llabs.3c := LINKSRC = abs.3c

1309 aiowrite.3c := LINKSRC = aioread.3c

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```

1311 atomic_add_16.3c      := LINKSRC = atomic_add.3c
1312 atomic_add_16_nv.3c  := LINKSRC = atomic_add.3c
1313 atomic_add_32.3c      := LINKSRC = atomic_add.3c
1314 atomic_add_32_nv.3c  := LINKSRC = atomic_add.3c
1315 atomic_add_64.3c      := LINKSRC = atomic_add.3c
1316 atomic_add_64_nv.3c  := LINKSRC = atomic_add.3c
1317 atomic_add_8.3c       := LINKSRC = atomic_add.3c
1318 atomic_add_8_nv.3c    := LINKSRC = atomic_add.3c
1319 atomic_add_char.3c    := LINKSRC = atomic_add.3c
1320 atomic_add_char_nv.3c := LINKSRC = atomic_add.3c
1321 atomic_add_int.3c     := LINKSRC = atomic_add.3c
1322 atomic_add_int_nv.3c  := LINKSRC = atomic_add.3c
1323 atomic_add_long.3c    := LINKSRC = atomic_add.3c
1324 atomic_add_long_nv.3c := LINKSRC = atomic_add.3c
1325 atomic_add_ptr.3c     := LINKSRC = atomic_add.3c
1326 atomic_add_ptr_nv.3c := LINKSRC = atomic_add.3c
1327 atomic_add_short.3c   := LINKSRC = atomic_add.3c
1328 atomic_add_short_nv.3c := LINKSRC = atomic_add.3c
1329 atomic_and_16.3c      := LINKSRC = atomic_and.3c
1330 atomic_and_16_nv.3c  := LINKSRC = atomic_and.3c
1331 atomic_and_32.3c      := LINKSRC = atomic_and.3c
1332 atomic_and_32_nv.3c  := LINKSRC = atomic_and.3c
1333 atomic_and_64.3c      := LINKSRC = atomic_and.3c
1334 atomic_and_64_nv.3c  := LINKSRC = atomic_and.3c
1335 atomic_and_8.3c       := LINKSRC = atomic_and.3c
1336 atomic_and_8_nv.3c    := LINKSRC = atomic_and.3c
1337 atomic_and_uchar.3c   := LINKSRC = atomic_and.3c
1338 atomic_and_uchar_nv.3c := LINKSRC = atomic_and.3c
1339 atomic_and_uint.3c    := LINKSRC = atomic_and.3c
1340 atomic_and_uint_nv.3c := LINKSRC = atomic_and.3c
1341 atomic_and_ulong.3c    := LINKSRC = atomic_and.3c
1342 atomic_and_ulong_nv.3c := LINKSRC = atomic_and.3c
1343 atomic_and_ushort.3c  := LINKSRC = atomic_and.3c
1344 atomic_and_ushort_nv.3c := LINKSRC = atomic_and.3c

1346 atomic_clear_long_excl.3c := LINKSRC = atomic_bits.3c
1347 atomic_set_long_excl.3c   := LINKSRC = atomic_bits.3c

1349 atomic_cas_16.3c      := LINKSRC = atomic_cas.3c
1350 atomic_cas_32.3c      := LINKSRC = atomic_cas.3c
1351 atomic_cas_64.3c      := LINKSRC = atomic_cas.3c
1352 atomic_cas_8.3c       := LINKSRC = atomic_cas.3c
1353 atomic_cas_ptr.3c     := LINKSRC = atomic_cas.3c
1354 atomic_cas_uchar.3c   := LINKSRC = atomic_cas.3c
1355 atomic_cas_uint.3c    := LINKSRC = atomic_cas.3c
1356 atomic_cas_ulong.3c   := LINKSRC = atomic_cas.3c
1357 atomic_cas_ushort.3c  := LINKSRC = atomic_cas.3c

1359 atomic_dec_16.3c      := LINKSRC = atomic_dec.3c
1360 atomic_dec_16_nv.3c   := LINKSRC = atomic_dec.3c
1361 atomic_dec_32.3c      := LINKSRC = atomic_dec.3c
1362 atomic_dec_32_nv.3c   := LINKSRC = atomic_dec.3c
1363 atomic_dec_64.3c      := LINKSRC = atomic_dec.3c
1364 atomic_dec_64_nv.3c   := LINKSRC = atomic_dec.3c
1365 atomic_dec_8.3c       := LINKSRC = atomic_dec.3c
1366 atomic_dec_8_nv.3c    := LINKSRC = atomic_dec.3c
1367 atomic_dec_ptr.3c     := LINKSRC = atomic_dec.3c
1368 atomic_dec_ptr_nv.3c  := LINKSRC = atomic_dec.3c
1369 atomic_dec_uchar.3c   := LINKSRC = atomic_dec.3c
1370 atomic_dec_uchar_nv.3c := LINKSRC = atomic_dec.3c
1371 atomic_dec_uint.3c     := LINKSRC = atomic_dec.3c
1372 atomic_dec_uint_nv.3c := LINKSRC = atomic_dec.3c
1373 atomic_dec_ulong.3c   := LINKSRC = atomic_dec.3c
1374 atomic_dec_ulong_nv.3c := LINKSRC = atomic_dec.3c
1375 atomic_dec_ushort.3c  := LINKSRC = atomic_dec.3c

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1376 atomic_dec_ushort_nv.3c := LINKSRC = atomic_dec.3c

1378 atomic_inc_16.3c      := LINKSRC = atomic_inc.3c
1379 atomic_inc_16_nv.3c  := LINKSRC = atomic_inc.3c
1380 atomic_inc_32.3c      := LINKSRC = atomic_inc.3c
1381 atomic_inc_32_nv.3c  := LINKSRC = atomic_inc.3c
1382 atomic_inc_64.3c     := LINKSRC = atomic_inc.3c
1383 atomic_inc_64_nv.3c  := LINKSRC = atomic_inc.3c
1384 atomic_inc_8.3c      := LINKSRC = atomic_inc.3c
1385 atomic_inc_8_nv.3c   := LINKSRC = atomic_inc.3c
1386 atomic_inc_ptr.3c    := LINKSRC = atomic_inc.3c
1387 atomic_inc_ptr_nv.3c := LINKSRC = atomic_inc.3c
1388 atomic_inc_uchar.3c   := LINKSRC = atomic_inc.3c
1389 atomic_inc_uchar_nv.3c := LINKSRC = atomic_inc.3c
1390 atomic_inc_uint.3c    := LINKSRC = atomic_inc.3c
1391 atomic_inc_uint_nv.3c := LINKSRC = atomic_inc.3c
1392 atomic_inc_ulong.3c   := LINKSRC = atomic_inc.3c
1393 atomic_inc_ulong_nv.3c := LINKSRC = atomic_inc.3c
1394 atomic_inc_ushort.3c  := LINKSRC = atomic_inc.3c
1395 atomic_inc_ushort_nv.3c := LINKSRC = atomic_inc.3c

1397 atomic_or_16.3c      := LINKSRC = atomic_or.3c
1398 atomic_or_16_nv.3c   := LINKSRC = atomic_or.3c
1399 atomic_or_32.3c      := LINKSRC = atomic_or.3c
1400 atomic_or_32_nv.3c   := LINKSRC = atomic_or.3c
1401 atomic_or_64.3c      := LINKSRC = atomic_or.3c
1402 atomic_or_64_nv.3c   := LINKSRC = atomic_or.3c
1403 atomic_or_8.3c       := LINKSRC = atomic_or.3c
1404 atomic_or_8_nv.3c    := LINKSRC = atomic_or.3c
1405 atomic_or_uchar.3c   := LINKSRC = atomic_or.3c
1406 atomic_or_uchar_nv.3c := LINKSRC = atomic_or.3c
1407 atomic_or_uint.3c     := LINKSRC = atomic_or.3c
1408 atomic_or_uint_nv.3c  := LINKSRC = atomic_or.3c
1409 atomic_or_ulong.3c    := LINKSRC = atomic_or.3c
1410 atomic_or_ulong_nv.3c := LINKSRC = atomic_or.3c
1411 atomic_or_ushort.3c   := LINKSRC = atomic_or.3c
1412 atomic_or_ushort_nv.3c := LINKSRC = atomic_or.3c

1414 atomic_swap_16.3c     := LINKSRC = atomic_swap.3c
1415 atomic_swap_32.3c    := LINKSRC = atomic_swap.3c
1416 atomic_swap_64.3c    := LINKSRC = atomic_swap.3c
1417 atomic_swap_8.3c     := LINKSRC = atomic_swap.3c
1418 atomic_swap_ptr.3c    := LINKSRC = atomic_swap.3c
1419 atomic_swap_uchar.3c  := LINKSRC = atomic_swap.3c
1420 atomic_swap_uint.3c   := LINKSRC = atomic_swap.3c
1421 atomic_swap_ulong.3c  := LINKSRC = atomic_swap.3c
1422 atomic_swap_ushort.3c := LINKSRC = atomic_swap.3c

1424 bcmp.3c              := LINKSRC = bstring.3c
1425 bcopy.3c             := LINKSRC = bstring.3c
1426 bzero.3c             := LINKSRC = bstring.3c

1428 btowc_l.3c           := LINKSRC = btowc.3c

1430 catclose.3c          := LINKSRC = catopen.3c

1432 cfgetospeed.3c      := LINKSRC = cfgetispeed.3c

1434 cfsetospeed.3c      := LINKSRC = cfsetispeed.3c

1436 clock_getres.3c      := LINKSRC = clock_gettime.3c
1437 clock_gettime.3c     := LINKSRC = clock_gettime.3c

1439 fdwalk.3c            := LINKSRC = closefrom.3c

1441 cond_broadcast.3c    := LINKSRC = cond_init.3c

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1442 cond_destroy.3c      := LINKSRC = cond_init.3c
1443 cond_reltimedwait.3c := LINKSRC = cond_init.3c
1444 cond_signal.3c       := LINKSRC = cond_init.3c
1445 cond_timedwait.3c   := LINKSRC = cond_init.3c
1446 cond_wait.3c        := LINKSRC = cond_init.3c

1448 csetcol.3c          := LINKSRC = cset.3c
1449 csetlen.3c           := LINKSRC = cset.3c
1450 csetno.3c           := LINKSRC = cset.3c
1451 wcsetno.3c          := LINKSRC = cset.3c

1453 ctermid_r.3c       := LINKSRC = ctermid.3c

1455 asctime.3c          := LINKSRC = ctime.3c
1456 asctime_r.3c        := LINKSRC = ctime.3c
1457 ctime_r.3c          := LINKSRC = ctime.3c
1458 gmtime.3c           := LINKSRC = ctime.3c
1459 gmtime_r.3c         := LINKSRC = ctime.3c
1460 localtime.3c        := LINKSRC = ctime.3c
1461 localtime_r.3c      := LINKSRC = ctime.3c
1462 tzset.3c            := LINKSRC = ctime.3c

1464 isalnum.3c          := LINKSRC = ctype.3c
1465 isalnum_l.3c         := LINKSRC = ctype.3c
1466 isalpha.3c          := LINKSRC = ctype.3c
1467 isalpha_l.3c        := LINKSRC = ctype.3c
1468 isascii.3c          := LINKSRC = ctype.3c
1469 isblank.3c          := LINKSRC = ctype.3c
1470 isblank_l.3c        := LINKSRC = ctype.3c
1471 iscntrl.3c          := LINKSRC = ctype.3c
1472 iscntrl_l.3c       := LINKSRC = ctype.3c
1473 isdigit.3c          := LINKSRC = ctype.3c
1474 isdigit_l.3c       := LINKSRC = ctype.3c
1475 isgraph.3c         := LINKSRC = ctype.3c
1476 isgraph_l.3c      := LINKSRC = ctype.3c
1477 islower.3c         := LINKSRC = ctype.3c
1478 islower_l.3c       := LINKSRC = ctype.3c
1479 isprint.3c         := LINKSRC = ctype.3c
1480 isprint_l.3c       := LINKSRC = ctype.3c
1481 ispunct.3c         := LINKSRC = ctype.3c
1482 ispunct_l.3c       := LINKSRC = ctype.3c
1483 isspace.3c         := LINKSRC = ctype.3c
1484 isspace_l.3c       := LINKSRC = ctype.3c
1485 isupper.3c         := LINKSRC = ctype.3c
1486 isupper_l.3c      := LINKSRC = ctype.3c
1487 isxdigit.3c        := LINKSRC = ctype.3c
1488 isxdigit_l.3c     := LINKSRC = ctype.3c

1490 decimal_to_double.3c := LINKSRC = decimal_to_floating.3c
1491 decimal_to_extended.3c := LINKSRC = decimal_to_floating.3c
1492 decimal_to_quadruple.3c := LINKSRC = decimal_to_floating.3c
1493 decimal_to_single.3c  := LINKSRC = decimal_to_floating.3c

1495 ldiv.3c             := LINKSRC = div.3c
1496 lldiv.3c           := LINKSRC = div.3c

1498 dladdr1.3c         := LINKSRC = dladdr.3c

1500 dlmopen.3c         := LINKSRC = dlopen.3c

1502 door_unbind.3c    := LINKSRC = door_bind.3c

1504 door_setparam.3c  := LINKSRC = door_getparam.3c

1506 erand48.3c        := LINKSRC = drand48.3c
1507 jrand48.3c        := LINKSRC = drand48.3c

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1508 lcong48.3c         := LINKSRC = drand48.3c
1509 lrand48.3c         := LINKSRC = drand48.3c
1510 mrand48.3c         := LINKSRC = drand48.3c
1511 nrand48.3c         := LINKSRC = drand48.3c
1512 seed48.3c         := LINKSRC = drand48.3c
1513 srand48.3c         := LINKSRC = drand48.3c

1515 dup3.3c           := LINKSRC = dup2.3c

1517 fconvert.3c       := LINKSRC = econvert.3c
1518 gconvert.3c       := LINKSRC = econvert.3c
1519 qeconvert.3c       := LINKSRC = econvert.3c
1520 qfconvert.3c       := LINKSRC = econvert.3c
1521 qgconvert.3c       := LINKSRC = econvert.3c
1522 seconvert.3c       := LINKSRC = econvert.3c
1523 sfconvert.3c       := LINKSRC = econvert.3c
1524 sgconvert.3c       := LINKSRC = econvert.3c

1526 fcvt.3c           := LINKSRC = ecvt.3c
1527 gcvt.3c           := LINKSRC = ecvt.3c

1529 _edata.3c         := LINKSRC = end.3c
1530 _end.3c            := LINKSRC = end.3c
1531 _etext.3c          := LINKSRC = end.3c
1532 _edata.3c         := LINKSRC = end.3c
1533 _etext.3c          := LINKSRC = end.3c

1535 errx.3c           := LINKSRC = err.3c
1536 verr.3c           := LINKSRC = err.3c
1537 verrx.3c          := LINKSRC = err.3c
1538 vwarn.3c          := LINKSRC = err.3c
1539 vwarnx.3c         := LINKSRC = err.3c
1540 warn.3c            := LINKSRC = err.3c
1541 warnx.3c           := LINKSRC = err.3c

1543 euccol.3c         := LINKSRC = euclen.3c
1544 eucscol.3c        := LINKSRC = euclen.3c

1546 _exithandle.3c    := LINKSRC = exit.3c

1548 clearerr.3c       := LINKSRC = ferror.3c
1549 feof.3c           := LINKSRC = ferror.3c
1550 fileno.3c         := LINKSRC = ferror.3c

1552 fsetattnr.3c     := LINKSRC = fgetattnr.3c
1553 getattnr.3c      := LINKSRC = fgetattnr.3c
1554 setattnr.3c      := LINKSRC = fgetattnr.3c

1556 getc.3c           := LINKSRC = fgetc.3c
1557 getc_unlocked.3c  := LINKSRC = fgetc.3c
1558 getchar.3c        := LINKSRC = fgetc.3c
1559 getchar_unlocked.3c := LINKSRC = fgetc.3c
1560 getw.3c            := LINKSRC = fgetc.3c

1562 fgetwc_l.3c       := LINKSRC = fgetwc.3c

1564 double_to_decimal.3c := LINKSRC = floating_to_decimal.3c
1565 extended_to_decimal.3c := LINKSRC = floating_to_decimal.3c
1566 quadruple_to_decimal.3c := LINKSRC = floating_to_decimal.3c
1567 single_to_decimal.3c := LINKSRC = floating_to_decimal.3c

1569 ftrylockfile.3c   := LINKSRC = flockfile.3c
1570 funlockfile.3c    := LINKSRC = flockfile.3c

1572 fpgetmask.3c      := LINKSRC = fpgetround.3c
1573 fpgetsticky.3c    := LINKSRC = fpgetround.3c

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1574 fpsetmask.3c      := LINKSRC = fpgetround.3c
1575 fpsetround.3c    := LINKSRC = fpgetround.3c
1576 fpsetsticky.3c   := LINKSRC = fpgetround.3c

1578 putc.3c          := LINKSRC = fputc.3c
1579 putc_unlocked.3c := LINKSRC = fputc.3c
1580 putchar.3c       := LINKSRC = fputc.3c
1581 putchar_unlocked.3c := LINKSRC = fputc.3c
1582 putw.3c          := LINKSRC = fputc.3c

1584 putwc.3c         := LINKSRC = fputwc.3c
1585 putwchar.3c      := LINKSRC = fputwc.3c

1587 fseeko.3c       := LINKSRC = fseek.3c

1589 ftello.3c       := LINKSRC = ftell.3c

1591 nftw.3c          := LINKSRC = ftw.3c

1593 swprintf.3c      := LINKSRC = fwprintf.3c
1594 wprintf.3c      := LINKSRC = fwprintf.3c

1596 wscanf.3c        := LINKSRC = fwscanf.3c
1597 vfwscanf.3c      := LINKSRC = fwscanf.3c
1598 vwscanf.3c       := LINKSRC = fwscanf.3c
1599 vwscanf.3c       := LINKSRC = fwscanf.3c
1600 wscanf.3c        := LINKSRC = fwscanf.3c

1602 gethomedgroup.3c := LINKSRC = getcpuid.3c

1604 endgrent.3c      := LINKSRC = getgrnam.3c
1605 fgetgrent.3c    := LINKSRC = getgrnam.3c
1606 fgetgrent_r.3c  := LINKSRC = getgrnam.3c
1607 getgrent.3c     := LINKSRC = getgrnam.3c
1608 getgrent_r.3c   := LINKSRC = getgrnam.3c
1609 getgrgid.3c     := LINKSRC = getgrnam.3c
1610 getgrgid_r.3c   := LINKSRC = getgrnam.3c
1611 getgrnam_r.3c   := LINKSRC = getgrnam.3c
1612 setgrent.3c     := LINKSRC = getgrnam.3c

1614 sethostname.3c  := LINKSRC = gethostname.3c

1616 gethrvtime.3c   := LINKSRC = gethrtime.3c

1618 getdelim.3c     := LINKSRC = getline.3c

1620 getlogin_r.3c   := LINKSRC = getlogin.3c

1622 getextmntent.3c := LINKSRC = getmntent.3c
1623 getmntany.3c   := LINKSRC = getmntent.3c
1624 hasmntopt.3c   := LINKSRC = getmntent.3c
1625 putmntent.3c   := LINKSRC = getmntent.3c
1626 resetmnttab.3c := LINKSRC = getmntent.3c

1628 endnetgrent.3c  := LINKSRC = getnetgrent.3c
1629 getnetgrent_r.3c := LINKSRC = getnetgrent.3c
1630 innnetgr.3c     := LINKSRC = getnetgrent.3c
1631 setnetgrent.3c  := LINKSRC = getnetgrent.3c

1633 getpassphrase.3c := LINKSRC = getpass.3c

1635 setpriority.3c  := LINKSRC = getpriority.3c

1637 endpwent.3c     := LINKSRC = getpwnam.3c
1638 fgetpwent.3c    := LINKSRC = getpwnam.3c
1639 fgetpwent_r.3c  := LINKSRC = getpwnam.3c

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1640 getpwent.3c      := LINKSRC = getpwnam.3c
1641 getpwent_r.3c    := LINKSRC = getpwnam.3c
1642 getpwnam_r.3c   := LINKSRC = getpwnam.3c
1643 getpwuid.3c      := LINKSRC = getpwnam.3c
1644 getpwuid_r.3c   := LINKSRC = getpwnam.3c
1645 setpwent.3c     := LINKSRC = getpwnam.3c

1647 fgets.3c        := LINKSRC = gets.3c

1649 endspent.3c      := LINKSRC = getspnam.3c
1650 fgetspent.3c     := LINKSRC = getspnam.3c
1651 fgetspent_r.3c   := LINKSRC = getspnam.3c
1652 getspent.3c     := LINKSRC = getspnam.3c
1653 getspent_r.3c   := LINKSRC = getspnam.3c
1654 getspnam_r.3c   := LINKSRC = getspnam.3c
1655 setspent.3c     := LINKSRC = getspnam.3c

1657 bind_textdomain_codeset.3c := LINKSRC = gettext.3c
1658 bindtextdomain.3c := LINKSRC = gettext.3c
1659 dcgettext.3c     := LINKSRC = gettext.3c
1660 dcngettext.3c    := LINKSRC = gettext.3c
1661 dgettext.3c     := LINKSRC = gettext.3c
1662 dngettext.3c    := LINKSRC = gettext.3c
1663 ngettext.3c     := LINKSRC = gettext.3c
1664 textdomain.3c   := LINKSRC = gettext.3c

1666 settimeofday.3c := LINKSRC = gettimeofday.3c

1668 endusershell.3c := LINKSRC = getusershell.3c
1669 setusershell.3c := LINKSRC = getusershell.3c

1671 endutent.3c      := LINKSRC = getutent.3c
1672 getutid.3c      := LINKSRC = getutent.3c
1673 getutline.3c    := LINKSRC = getutent.3c
1674 pututline.3c    := LINKSRC = getutent.3c
1675 setutent.3c     := LINKSRC = getutent.3c
1676 utmpname.3c     := LINKSRC = getutent.3c

1678 endutxent.3c    := LINKSRC = getutxent.3c
1679 getutmp.3c      := LINKSRC = getutxent.3c
1680 getutmpx.3c     := LINKSRC = getutxent.3c
1681 getutxid.3c     := LINKSRC = getutxent.3c
1682 getutxline.3c  := LINKSRC = getutxent.3c
1683 pututxline.3c  := LINKSRC = getutxent.3c
1684 setutxent.3c   := LINKSRC = getutxent.3c
1685 updwtmp.3c     := LINKSRC = getutxent.3c
1686 updwtmpx.3c    := LINKSRC = getutxent.3c
1687 utmpxname.3c   := LINKSRC = getutxent.3c

1689 getvfssany.3c    := LINKSRC = getvfssent.3c
1690 getvfssfile.3c := LINKSRC = getvfssent.3c
1691 getvfssspec.3c  := LINKSRC = getvfssent.3c

1693 getwc_l.3c      := LINKSRC = getwc.3c

1695 getwchar_l.3c  := LINKSRC = getwchar.3c

1697 fgetws.3c      := LINKSRC = getws.3c

1699 getzoneidbyname.3c := LINKSRC = getzoneid.3c
1700 getzonenamebyid.3c := LINKSRC = getzoneid.3c

1702 globfree.3c     := LINKSRC = glob.3c

1704 hcreate.3c      := LINKSRC = hsearch.3c
1705 hdestroy.3c    := LINKSRC = hsearch.3c

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1707 rindex.3c          := LINKSRC = index.3c
1709 remque.3c          := LINKSRC = insque.3c
1711 finite.3c           := LINKSRC = isnand.3c
1712 fpclass.3c          := LINKSRC = isnand.3c
1713 isnanf.3c           := LINKSRC = isnand.3c
1714 unordered.3c        := LINKSRC = isnand.3c
1716 isenglish.3c        := LINKSRC = iswalpha.3c
1717 isideogram.3c       := LINKSRC = iswalpha.3c
1718 isnumber.3c         := LINKSRC = iswalpha.3c
1719 isphonogram.3c      := LINKSRC = iswalpha.3c
1720 isspecial.3c        := LINKSRC = iswalpha.3c
1721 iswalnum.3c         := LINKSRC = iswalpha.3c
1722 iswalnum_l.3c       := LINKSRC = iswalpha.3c
1723 iswalpha_l.3c       := LINKSRC = iswalpha.3c
1724 iswascii.3c         := LINKSRC = iswalpha.3c
1725 iswblank.3c         := LINKSRC = iswalpha.3c
1726 iswblank_l.3c       := LINKSRC = iswalpha.3c
1727 iswcntrl.3c         := LINKSRC = iswalpha.3c
1728 iswcntrl_l.3c      := LINKSRC = iswalpha.3c
1729 iswdigit.3c         := LINKSRC = iswalpha.3c
1730 iswdigit_l.3c       := LINKSRC = iswalpha.3c
1731 iswgraph.3c         := LINKSRC = iswalpha.3c
1732 iswgraph_l.3c       := LINKSRC = iswalpha.3c
1733 iswhexnumber.3c    := LINKSRC = iswalpha.3c
1734 iswhexnumber_l.3c  := LINKSRC = iswalpha.3c
1735 iswideogram.3c     := LINKSRC = iswalpha.3c
1736 iswideogram_l.3c   := LINKSRC = iswalpha.3c
1737 iswlower.3c         := LINKSRC = iswalpha.3c
1738 iswlower_l.3c      := LINKSRC = iswalpha.3c
1739 iswnumber.3c        := LINKSRC = iswalpha.3c
1740 iswnumber_l.3c     := LINKSRC = iswalpha.3c
1741 iswphonogram.3c    := LINKSRC = iswalpha.3c
1742 iswphonogram_l.3c  := LINKSRC = iswalpha.3c
1743 iswprint.3c         := LINKSRC = iswalpha.3c
1744 iswprint_l.3c       := LINKSRC = iswalpha.3c
1745 iswpunct.3c        := LINKSRC = iswalpha.3c
1746 iswpunct_l.3c      := LINKSRC = iswalpha.3c
1747 iswspace.3c         := LINKSRC = iswalpha.3c
1748 iswspace_l.3c      := LINKSRC = iswalpha.3c
1749 iswspecial.3c      := LINKSRC = iswalpha.3c
1750 iswspecial_l.3c    := LINKSRC = iswalpha.3c
1751 iswupper.3c         := LINKSRC = iswalpha.3c
1752 iswupper_l.3c      := LINKSRC = iswalpha.3c
1753 iswxdigit.3c        := LINKSRC = iswalpha.3c
1754 iswxdigit_l.3c     := LINKSRC = iswalpha.3c
1756 iswctype_l.3c      := LINKSRC = iswctype.3c
1758 ulckpwwf.3c        := LINKSRC = lckpwwf.3c
1760 lfind.3c            := LINKSRC = lsearch.3c
1762 swapcontext.3c     := LINKSRC = makecontext.3c
1764 major.3c           := LINKSRC = makedev.3c
1765 minor.3c           := LINKSRC = makedev.3c
1767 alloca.3c          := LINKSRC = malloc.3c
1768 calloc.3c           := LINKSRC = malloc.3c
1769 free.3c             := LINKSRC = malloc.3c
1770 memalign.3c         := LINKSRC = malloc.3c
1771 realloc.3c          := LINKSRC = malloc.3c

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1772 valloc.3c           := LINKSRC = malloc.3c
1774 mblen_l.3c          := LINKSRC = mblen.3c
1776 mbrlen_l.3c        := LINKSRC = mbrlen.3c
1778 mbrtowc_l.3c       := LINKSRC = mbrtowc.3c
1780 mbsinit_l.3c       := LINKSRC = mbsinit.3c
1782 mbsrtowcs.3c       := LINKSRC = mbsrtowcs.3c
1783 mbsrtowcs_l.3c     := LINKSRC = mbsrtowcs.3c
1784 mbsrtowcs_l.3c     := LINKSRC = mbsrtowcs.3c
1785 mbstowcs.3c        := LINKSRC = mbsrtowcs.3c
1786 mbstowcs_l.3c     := LINKSRC = mbsrtowcs.3c
1788 mbtowc_l.3c        := LINKSRC = mbtowc.3c
1790 membar_consumer.3c := LINKSRC = membar_ops.3c
1791 membar_enter.3c    := LINKSRC = membar_ops.3c
1792 membar_exit.3c     := LINKSRC = membar_ops.3c
1793 membar_producer.3c := LINKSRC = membar_ops.3c
1795 memccpy.3c         := LINKSRC = memory.3c
1796 memchr.3c          := LINKSRC = memory.3c
1797 memcmp.3c          := LINKSRC = memory.3c
1798 memcpy.3c          := LINKSRC = memory.3c
1799 memmove.3c         := LINKSRC = memory.3c
1800 memset.3c          := LINKSRC = memory.3c
1802 mkdtemp.3c         := LINKSRC = mkstemp.3c
1803 mkostemp.3c        := LINKSRC = mkstemp.3c
1804 mkostemps.3c       := LINKSRC = mkstemp.3c
1805 mkstemp.3c         := LINKSRC = mkstemp.3c
1807 munlock.3c         := LINKSRC = mlock.3c
1809 munlockall.3c     := LINKSRC = mlockall.3c
1811 mq_reltimedreceive_np.3c := LINKSRC = mq_receive.3c
1812 mq_timedreceive.3c := LINKSRC = mq_receive.3c
1814 mq_reltimedsend_np.3c := LINKSRC = mq_send.3c
1815 mq_timedsend.3c   := LINKSRC = mq_send.3c
1817 mutex_consistent.3c := LINKSRC = mutex_init.3c
1818 mutex_destroy.3c    := LINKSRC = mutex_init.3c
1819 mutex_lock.3c       := LINKSRC = mutex_init.3c
1820 mutex_trylock.3c   := LINKSRC = mutex_init.3c
1821 mutex_unlock.3c    := LINKSRC = mutex_init.3c
1823 dbm_clearerr.3c    := LINKSRC = ndbm.3c
1824 dbm_close.3c       := LINKSRC = ndbm.3c
1825 dbm_delete.3c      := LINKSRC = ndbm.3c
1826 dbm_error.3c       := LINKSRC = ndbm.3c
1827 dbm_fetch.3c       := LINKSRC = ndbm.3c
1828 dbm_firstkey.3c    := LINKSRC = ndbm.3c
1829 dbm_nextkey.3c     := LINKSRC = ndbm.3c
1830 dbm_open.3c        := LINKSRC = ndbm.3c
1831 dbm_store.3c        := LINKSRC = ndbm.3c
1833 duplocale.3c       := LINKSRC = newlocale.3c
1834 freelocale.3c      := LINKSRC = newlocale.3c
1836 nl_langinfo_l.3c   := LINKSRC = nl_langinfo.3c

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1838 fdopendir.3c      := LINKSRC = opendir.3c
1840 errno.3c         := LINKSRC = perror.3c
1842 pclose.3c        := LINKSRC = popen.3c
1844 port_dissociate.3c := LINKSRC = port_associate.3c
1846 port_getn.3c     := LINKSRC = port_get.3c
1848 port_sendn.3c    := LINKSRC = port_send.3c
1850 posix_spawnnp.3c := LINKSRC = posix_spawn.3c
1852 posix_spawn_file_actions_addopen.3c := LINKSRC = posix_spawn_file_actions_ad
1853 posix_spawn_file_actions_init.3c   := LINKSRC = posix_spawn_file_actions_de
1855 posix_spawnattr_init.3c            := LINKSRC = posix_spawnattr_destroy.3c
1857 posix_spawnattr_setflags.3c       := LINKSRC = posix_spawnattr_getflags.3c
1859 posix_spawnattr_setpgroup.3c      := LINKSRC = posix_spawnattr_getpgroup.3
1861 posix_spawnattr_setschedparam.3c  := LINKSRC = posix_spawnattr_getschedpar
1863 posix_spawnattr_setschedpolicy.3c := LINKSRC = posix_spawnattr_getschedpol
1865 posix_spawnattr_setsigdefault.3c  := LINKSRC = posix_spawnattr_getsigdefau
1867 posix_spawnattr_setsigignore_np.3c := LINKSRC = posix_spawnattr_getsigignor
1869 posix_spawnattr_setsigmask.3c     := LINKSRC = posix_spawnattr_getsigmask.

1871 asprintf.3c      := LINKSRC = printf.3c
1872 fprintf.3c      := LINKSRC = printf.3c
1873 snprintf.3c     := LINKSRC = printf.3c
1874 sprintf.3c      := LINKSRC = printf.3c

1876 priv_allocset.3c := LINKSRC = priv_addset.3c
1877 priv_basicset.3c := LINKSRC = priv_addset.3c
1878 priv_copyset.3c  := LINKSRC = priv_addset.3c
1879 priv_delset.3c   := LINKSRC = priv_addset.3c
1880 priv_emptyset.3c := LINKSRC = priv_addset.3c
1881 priv_fillset.3c  := LINKSRC = priv_addset.3c
1882 priv_freeset.3c := LINKSRC = priv_addset.3c
1883 priv_intersect.3c := LINKSRC = priv_addset.3c
1884 priv_inverse.3c  := LINKSRC = priv_addset.3c
1885 priv_iseptyset.3c := LINKSRC = priv_addset.3c
1886 priv_isequalset.3c := LINKSRC = priv_addset.3c
1887 priv_isfullset.3c := LINKSRC = priv_addset.3c
1888 priv_ismember.3c  := LINKSRC = priv_addset.3c
1889 priv_issubset.3c := LINKSRC = priv_addset.3c
1890 priv_union.3c     := LINKSRC = priv_addset.3c

1892 priv_ineffect.3c := LINKSRC = priv_set.3c

1894 priv_getbyname.3c := LINKSRC = priv_str_to_set.3c
1895 priv_getbynum.3c := LINKSRC = priv_str_to_set.3c
1896 priv_getsetbyname.3c := LINKSRC = priv_str_to_set.3c
1897 priv_getsetbynum.3c := LINKSRC = priv_str_to_set.3c
1898 priv_gettext.3c    := LINKSRC = priv_str_to_set.3c
1899 priv_set_to_str.3c := LINKSRC = priv_str_to_set.3c

1901 psiginfo.3c       := LINKSRC = psignal.3c
1903 pthread_attr_setdetachstate.3c := LINKSRC = pthread_attr_getdetachstate

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1905 pthread_attr_setguardsize.3c := LINKSRC = pthread_attr_getguardsize.3
1907 pthread_attr_setinheritsched.3c := LINKSRC = pthread_attr_getinheritsche
1909 pthread_attr_setschedparam.3c := LINKSRC = pthread_attr_getschedparam.
1911 pthread_attr_setschedpolicy.3c := LINKSRC = pthread_attr_getschedpolicy
1913 pthread_attr_setscope.3c       := LINKSRC = pthread_attr_getscope.3c
1914 pthread_attr_setstack.3c       := LINKSRC = pthread_attr_getstack.3c
1916 pthread_attr_setstackaddr.3c   := LINKSRC = pthread_attr_getstackaddr.3
1918 pthread_attr_setstacksize.3c   := LINKSRC = pthread_attr_getstacksize.3
1920 pthread_attr_destroy.3c        := LINKSRC = pthread_attr_init.3c
1922 pthread_barrier_init.3c        := LINKSRC = pthread_barrier_destroy.3c
1924 pthread_barrierattr_init.3c    := LINKSRC = pthread_barrierattr_destroy
1926 pthread_barrierattr_setpshared.3c := LINKSRC = pthread_barrierattr_getpsha
1928 pthread_cond_destroy.3c        := LINKSRC = pthread_cond_init.3c
1930 pthread_cond_broadcast.3c      := LINKSRC = pthread_cond_signal.3c
1932 pthread_cond_reltimedwait_np.3c := LINKSRC = pthread_cond_wait.3c
1933 pthread_cond_timedwait.3c     := LINKSRC = pthread_cond_wait.3c
1935 pthread_condattr_setclock.3c   := LINKSRC = pthread_condattr_getclock.3
1937 pthread_condattr_setpshared.3c := LINKSRC = pthread_condattr_getpshared
1939 pthread_condattr_destroy.3c    := LINKSRC = pthread_condattr_init.3c
1941 pthread_setconcurrency.3c      := LINKSRC = pthread_getconcurrency.3c
1943 pthread_setschedparam.3c       := LINKSRC = pthread_getschedparam.3c
1945 pthread_setspecific.3c         := LINKSRC = pthread_getspecific.3c
1947 pthread_key_create_once_np.3c := LINKSRC = pthread_key_create.3c
1949 pthread_mutex_setprioceiling.3c := LINKSRC = pthread_mutex_getprioceilin
1951 pthread_mutex_destroy.3c       := LINKSRC = pthread_mutex_init.3c
1953 pthread_mutex_trylock.3c       := LINKSRC = pthread_mutex_lock.3c
1954 pthread_mutex_unlock.3c       := LINKSRC = pthread_mutex_lock.3c
1956 pthread_mutex_reltimedlock_np.3c := LINKSRC = pthread_mutex_timedlock.3c
1958 pthread_mutexattr_setprioceiling.3c := LINKSRC = pthread_mutexattr_getprioce
1960 pthread_mutexattr_setprotocol.3c := LINKSRC = pthread_mutexattr_getprotoc
1962 pthread_mutexattr_setpshared.3c := LINKSRC = pthread_mutexattr_getpshare
1964 pthread_mutexattr_settype.3c   := LINKSRC = pthread_mutexattr_gettype.3
1966 pthread_mutexattr_destroy.3c   := LINKSRC = pthread_mutexattr_init.3c
1968 pthread_rwlock_destroy.3c      := LINKSRC = pthread_rwlock_init.3c

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1970 pthread_rwlock_tryrdlock.3c      := LINKSRC = pthread_rwlock_rdlock.3c
1972 pthread_rwlock_reltimedrdlock_np.3c := LINKSRC = pthread_rwlock_timedrdlock.
1974 pthread_rwlock_reltimedwrlock_np.3c := LINKSRC = pthread_rwlock_timedwrlock.
1976 pthread_rwlock_trywrlock.3c      := LINKSRC = pthread_rwlock_wrlock.3c
1978 pthread_rwlockattr_setpshared.3c  := LINKSRC = pthread_rwlockattr_getpshar
1980 pthread_rwlockattr_destroy.3c     := LINKSRC = pthread_rwlockattr_init.3c
1982 pthread_spin_init.3c              := LINKSRC = pthread_spin_destroy.3c
1984 pthread_spin_trylock.3c          := LINKSRC = pthread_spin_lock.3c
1986 fputs.3c                         := LINKSRC = puts.3c
1988 rand_r.3c                         := LINKSRC = rand.3c
1989 srand.3c                          := LINKSRC = rand.3c
1991 initstate.3c                      := LINKSRC = random.3c
1992 setstate.3c                       := LINKSRC = random.3c
1993 srandom.3c                        := LINKSRC = random.3c
1995 rctlblk_get_enforced_value.3c     := LINKSRC = rctlblk_set_value.3c
1996 rctlblk_get_firing_time.3c        := LINKSRC = rctlblk_set_value.3c
1997 rctlblk_get_global_action.3c      := LINKSRC = rctlblk_set_value.3c
1998 rctlblk_get_global_flags.3c       := LINKSRC = rctlblk_set_value.3c
1999 rctlblk_get_local_action.3c       := LINKSRC = rctlblk_set_value.3c
2000 rctlblk_get_local_flags.3c        := LINKSRC = rctlblk_set_value.3c
2001 rctlblk_get_privilege.3c          := LINKSRC = rctlblk_set_value.3c
2002 rctlblk_get_recipient_pid.3c     := LINKSRC = rctlblk_set_value.3c
2003 rctlblk_get_value.3c              := LINKSRC = rctlblk_set_value.3c
2004 rctlblk_set_local_action.3c       := LINKSRC = rctlblk_set_value.3c
2005 rctlblk_set_local_flags.3c        := LINKSRC = rctlblk_set_value.3c
2006 rctlblk_set_privilege.3c          := LINKSRC = rctlblk_set_value.3c
2007 rctlblk_set_recipient_pid.3c     := LINKSRC = rctlblk_set_value.3c
2008 rctlblk_size.3c                  := LINKSRC = rctlblk_set_value.3c
2010 re_exec.3c                       := LINKSRC = re_comp.3c
2012 readdir_r.3c                    := LINKSRC = readdir.3c
2014 regex.3c                         := LINKSRC = regcomp.3c
2016 regerror.3c                      := LINKSRC = regcomp.3c
2017 regexec.3c                       := LINKSRC = regcomp.3c
2018 regfree.3c                       := LINKSRC = regcomp.3c
2020 rw_rdlock.3c                     := LINKSRC = rwlock.3c
2021 rw_tryrdlock.3c                 := LINKSRC = rwlock.3c
2022 rw_trywrlock.3c                 := LINKSRC = rwlock.3c
2023 rw_unlock.3c                    := LINKSRC = rwlock.3c
2024 rw_wrlock.3c                    := LINKSRC = rwlock.3c
2025 rwlock_destroy.3c               := LINKSRC = rwlock.3c
2026 rwlock_init.3c                  := LINKSRC = rwlock.3c
2028 alphasort.3c                     := LINKSRC = scandir.3c
2030 fscanf.3c                        := LINKSRC = scanf.3c
2031 sscanf.3c                        := LINKSRC = scanf.3c
2032 vfscanf.3c                       := LINKSRC = scanf.3c
2033 vscanf.3c                         := LINKSRC = scanf.3c
2034 vsscanf.3c                       := LINKSRC = scanf.3c

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2036 sched_get_priority_min.3c        := LINKSRC = sched_get_priority_max.3c
2038 schedctl_exit.3c                 := LINKSRC = schedctl_init.3c
2039 schedctl_lookup.3c                := LINKSRC = schedctl_init.3c
2040 schedctl_start.3c                 := LINKSRC = schedctl_init.3c
2041 schedctl_stop.3c                 := LINKSRC = schedctl_init.3c
2043 FD_CLR.3c                         := LINKSRC = select.3c
2044 FD_ISSET.3c                      := LINKSRC = select.3c
2045 FD_SET.3c                         := LINKSRC = select.3c
2046 FD_ZERO.3c                       := LINKSRC = select.3c
2047 pselect.3c                       := LINKSRC = select.3c
2049 sem_reltimedwait_np.3c            := LINKSRC = sem_timedwait.3c
2051 sem_trywait.3c                    := LINKSRC = sem_wait.3c
2053 sema_destroy.3c                   := LINKSRC = semaphore.3c
2054 sema_init.3c                      := LINKSRC = semaphore.3c
2055 sema_post.3c                      := LINKSRC = semaphore.3c
2056 sema_trywait.3c                  := LINKSRC = semaphore.3c
2057 sema_wait.3c                     := LINKSRC = semaphore.3c
2059 setvbuf.3c                        := LINKSRC = setbuf.3c
2061 setlinebuf.3c                    := LINKSRC = setbuffer.3c
2063 longjmp.3c                         := LINKSRC = setjmp.3c
2064 siglongjmp.3c                     := LINKSRC = setjmp.3c
2065 sigsetjmp.3c                      := LINKSRC = setjmp.3c
2067 sighold.3c                       := LINKSRC = signal.3c
2068 sigignore.3c                     := LINKSRC = signal.3c
2069 sigpause.3c                       := LINKSRC = signal.3c
2070 sigrelse.3c                       := LINKSRC = signal.3c
2071 sigset.3c                         := LINKSRC = signal.3c
2073 sigaddset.3c                      := LINKSRC = sigsetops.3c
2074 sigdelset.3c                     := LINKSRC = sigsetops.3c
2075 sigemptyset.3c                   := LINKSRC = sigsetops.3c
2076 sigfillset.3c                    := LINKSRC = sigsetops.3c
2077 sigismember.3c                    := LINKSRC = sigsetops.3c
2079 sigtimedwait.3c                  := LINKSRC = sigwaitinfo.3c
2081 gsignal.3c                       := LINKSRC = ssignal.3c
2083 stderr.3c                         := LINKSRC = stdio.3c
2084 stdin.3c                          := LINKSRC = stdio.3c
2085 stdout.3c                         := LINKSRC = stdio.3c
2087 sig2str.3c                        := LINKSRC = str2sig.3c
2089 strcoll_l.3c                      := LINKSRC = strcoll.3c
2091 strerror_r.3c                     := LINKSRC = strerror.3c
2093 strfmon_l.3c                      := LINKSRC = strfmon.3c
2095 ascftime.3c                       := LINKSRC = strftime.3c
2096 cftime.3c                         := LINKSRC = strftime.3c
2097 strftime_l.3c                     := LINKSRC = strftime.3c
2099 strcasecmp.3c                     := LINKSRC = string.3c
2100 strcasecmp_l.3c                   := LINKSRC = string.3c
2101 strcat.3c                         := LINKSRC = string.3c

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2102 strchr.3c      := LINKSRC = string.3c
2103 strcmp.3c     := LINKSRC = string.3c
2104 strcpy.3c      := LINKSRC = string.3c
2105 strcspn.3c     := LINKSRC = string.3c
2106 strdup.3c     := LINKSRC = string.3c
2107 strlcat.3c     := LINKSRC = string.3c
2108 strlcpy.3c     := LINKSRC = string.3c
2109 strlen.3c      := LINKSRC = string.3c
2110 strncasecmp.3c := LINKSRC = string.3c
2111 strncasecmp_l.3c := LINKSRC = string.3c
2112 strncat.3c    := LINKSRC = string.3c
2113 strncmp.3c    := LINKSRC = string.3c
2114 strncpy.3c   := LINKSRC = string.3c
2115 strnlen.3c   := LINKSRC = string.3c
2116 strpbrk.3c   := LINKSRC = string.3c
2117 strrchr.3c  := LINKSRC = string.3c
2118 strsep.3c    := LINKSRC = string.3c
2119 strspn.3c    := LINKSRC = string.3c
2120 strstr.3c    := LINKSRC = string.3c
2121 strtok.3c    := LINKSRC = string.3c
2122 strtok_r.3c  := LINKSRC = string.3c

2124 file_to_decimal.3c := LINKSRC = string_to_decimal.3c
2125 func_to_decimal.3c := LINKSRC = string_to_decimal.3c

2127 strptime.1.3c     := LINKSRC = strptime.3c

2129 atof.3c          := LINKSRC = strtod.3c
2130 strtod.3c        := LINKSRC = strtod.3c
2131 strtold.3c       := LINKSRC = strtod.3c

2133 strtoumax.3c    := LINKSRC = strtoumax.3c

2135 atoi.3c         := LINKSRC = strtol.3c
2136 atol.3c        := LINKSRC = strtol.3c
2137 atoll.3c       := LINKSRC = strtol.3c
2138 lltostr.3c     := LINKSRC = strtol.3c
2139 strtoll.3c     := LINKSRC = strtol.3c
2140 ulltostr.3c    := LINKSRC = strtol.3c

2142 strtoull.3c    := LINKSRC = strtoul.3c

2144 wstostr.3c     := LINKSRC = strtows.3c

2146 strxfrm.1.3c   := LINKSRC = strxfrm.3c

2148 closelog.3c    := LINKSRC = syslog.3c
2149 openlog.3c     := LINKSRC = syslog.3c
2150 setlogmask.3c  := LINKSRC = syslog.3c

2152 thr_setconcurrency.3c := LINKSRC = thr_getconcurrency.3c

2154 thr_setprio.3c  := LINKSRC = thr_getprio.3c

2156 thr_getspecific.3c := LINKSRC = thr_keycreate.3c
2157 thr_keycreate_once.3c := LINKSRC = thr_keycreate.3c
2158 thr_setspecific.3c := LINKSRC = thr_keycreate.3c

2160 thr_continue.3c := LINKSRC = thr_suspend.3c

2162 timer_getoverrun.3c := LINKSRC = timer_settime.3c
2163 timer_gettime.3c   := LINKSRC = timer_settime.3c

2165 timerclear.3c     := LINKSRC = timeradd.3c
2166 timercmp.3c      := LINKSRC = timeradd.3c
2167 timerisset.3c   := LINKSRC = timeradd.3c

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2168 timersub.3c    := LINKSRC = timeradd.3c

2170 tmpnam.3c      := LINKSRC = tmpnam.3c
2171 tmpnam_r.3c    := LINKSRC = tmpnam.3c

2173 tolower_l.3c   := LINKSRC = tolower.3c

2175 toupper_l.3c   := LINKSRC = toupper.3c

2177 tolower_l.3c   := LINKSRC = tolower.3c

2179 toupper_l.3c   := LINKSRC = toupper.3c

2181 ftruncate.3c   := LINKSRC = truncate.3c

2183 tdelete.3c     := LINKSRC = tsearch.3c
2184 tfind.3c       := LINKSRC = tsearch.3c
2185 twalk.3c       := LINKSRC = tsearch.3c

2187 ttyname_r.3c   := LINKSRC = ttyname.3c

2189 uconv_u16tou8.3c := LINKSRC = uconv_u16tou32.3c
2190 uconv_u32tou16.3c := LINKSRC = uconv_u16tou32.3c
2191 uconv_u32tou8.3c := LINKSRC = uconv_u16tou32.3c
2192 uconv_u8tou16.3c := LINKSRC = uconv_u16tou32.3c
2193 uconv_u8tou32.3c := LINKSRC = uconv_u16tou32.3c

2195 ucred_free.3c   := LINKSRC = ucred_get.3c
2196 ucred_getegid.3c := LINKSRC = ucred_get.3c
2197 ucred_geteuid.3c := LINKSRC = ucred_get.3c
2198 ucred_getgroups.3c := LINKSRC = ucred_get.3c
2199 ucred_getlabel.3c := LINKSRC = ucred_get.3c
2200 ucred_getpflags.3c := LINKSRC = ucred_get.3c
2201 ucred_getpid.3c := LINKSRC = ucred_get.3c
2202 ucred_getprivset.3c := LINKSRC = ucred_get.3c
2203 ucred_getprojid.3c := LINKSRC = ucred_get.3c
2204 ucred_getrgid.3c := LINKSRC = ucred_get.3c
2205 ucred_getruid.3c := LINKSRC = ucred_get.3c
2206 ucred_getsgid.3c := LINKSRC = ucred_get.3c
2207 ucred_getsuid.3c := LINKSRC = ucred_get.3c
2208 ucred_getzoneid.3c := LINKSRC = ucred_get.3c
2209 ucred_size.3c   := LINKSRC = ucred_get.3c

2211 vswprintf.3c    := LINKSRC = vfwprintf.3c
2212 vwprintf.3c    := LINKSRC = vfwprintf.3c

2214 vasprintf.3c   := LINKSRC = vprintf.3c
2215 vfprintf.3c    := LINKSRC = vprintf.3c
2216 vsnprintf.3c   := LINKSRC = vprintf.3c
2217 vsprintf.3c    := LINKSRC = vprintf.3c

2219 wait4.3c       := LINKSRC = wait3.3c

2221 addrtosymstr.3c := LINKSRC = walkcontext.3c
2222 backtrace.3c    := LINKSRC = walkcontext.3c
2223 backtrace_symbols.3c := LINKSRC = walkcontext.3c
2224 backtrace_symbols_fd.3c := LINKSRC = walkcontext.3c
2225 printstack.3c  := LINKSRC = walkcontext.3c

2227 wcrtoomb_l.3c   := LINKSRC = wcrtoomb.3c

2229 wcscoll_l.3c   := LINKSRC = wcscoll.3c
2230 wcscoll.3c     := LINKSRC = wcscoll.3c

2232 wcsnrtoombs.3c := LINKSRC = wcsrtoombs.3c
2233 wcsnrtoombs_l.3c := LINKSRC = wcsrtoombs.3c

```



```

*****
6897 Mon Jul 14 17:47:59 2014
new/usr/src/man/man3c/wcsrtombs.3c
4964 nl_langinfo(CRNCYSTR) returns wrong alignment character
4999 libc test suite enhancements
4939 desire wcsnrtombs() function
Reviewed by: Jason King <jason.brian.king@gmail.com>
Reviewed by: Dan McDonald <danmcd@omniti.com>
Reviewed by: Igor Kozhukhov <ikozhukhov@gmail.com>
Approved by: TBD
*****
1  \" te
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11 .TH WCSRTOMBS 3C \"Jul 13, 2014\"
11 .TH WCSRTOMBS 3C \"Jun 25, 2014\"
12 .SH NAME
13 wcsnrtombs, wcsnrtombs_l, wcsrtombs, wcsrtombs_l \- convert a wide-character str
13 wcsrtombs, wcsrtombs_l \- convert a wide-character string to a character string
14 (restartable)
15 .SH SYNOPSIS
16 .LP
17 .nf
18 #include <wchar.h>

20 \fBsize_t\fR \fBwcsrtombs\fR(\fBchar *restrict\fR \fFidst\fR, \fBconst wchar_t *
21 \fBsize_t\fR \fFilen\fR, \fBmbstate_t *restrict\fR \fFips\fR);
20 \fBsize_t\fR \fBwcsrtombs_l\fR(\fBchar *restrict\fR \fFidst\fR,
21 \fBconst wchar_t *restrict\fR \fFisrc\fR, \fBsize_t\fR \fFilen\fR,
22 \fBmbstate_t *restrict\fR \fFips\fR);
23 .fi
24 .LP
25 \fBsize_t\fR \fBwcsnrtombs\fR(\fBchar *restrict\fR \fFidst\fR, \fBconst wchar_t *
26 \fBsize_t\fR \fFinwc\fR, \fBsize_t\fR \fFilen\fR, \fBmbstate_t *restrict\fR \f
27 .LP
28 .nf
29 #include <wchar.h>
30 #include <xlocale.h>

32 \fBsize_t\fR \fBwcsrtombs_l\fR(\fBchar *restrict\fR \fFidst\fR, \fBconst wchar_t
33 \fBsize_t\fR \fFilen\fR, \fBmbstate_t *restrict\fR \fFips\fR, \fBlocale_t\fR
29 \fBsize_t\fR \fBwcsrtombs_l\fR(\fBchar *restrict\fR \fFidst\fR,
30 \fBconst wchar_t *restrict\fR \fFisrc\fR, \fBsize_t\fR \fFilen\fR,
31 \fBmbstate_t *restrict\fR \fFips\fR, \fBlocale_t\fR \fFiloc\fR);
34 .fi
35 .LP
36 .nf
37 \fBsize_t\fR \fBwcsnrtombs_l\fR(\fBchar *restrict\fR \fFidst\fR, \fBconst wchar_t
38 \fBsize_t\fR \fFinwc\fR, \fBsize_t\fR \fFilen\fR, \fBmbstate_t *restrict\fR \f
39 .fi
40 .SH DESCRIPTION
41 .LP
42 The \fBwcsrtombs()\fR function converts a sequence of wide-characters from the
43 array indirectly pointed to by \fFisrc\fR into a sequence of corresponding
44 characters, beginning in the conversion state described by the object pointed
45 to by \fFips\fR. If \fFidst\fR is not a null pointer, the converted characters
46 are then stored into the array pointed to by \fFidst\fR. Conversion continues up
47 to and including a terminating null wide-character, which is also stored.

```

```

48 Conversion stops earlier in the following cases:
49 .RS +4
50 .TP
51 .ie t \(\bu
52 .el o
53 When a code is reached that does not correspond to a valid character.
54 .RE
55 .RS +4
56 .TP
57 .ie t \(\bu
58 .el o
59 When the next character would exceed the limit of \fFilen\fR total bytes to be
60 stored in the array pointed to by \fFidst\fR (and \fFidst\fR is not a null
61 pointer).
62 .RE
63 .RS +4
64 .TP
65 .ie t \(\bu
66 .el o
67 In the case of \fBwcsnrtombs()\fR and \fBwcsrtombs_l()\fR, when \fFinwc\fR
68 wide characters have been completely converted.
69 .RE
70 .LP
71 Each conversion takes place as if by a call to the \fBwcbtomb()\fR function.
72 .LP
73 If \fFidst\fR is not a null pointer, the pointer object pointed to by \fFisrc\fR
74 is assigned either a null pointer (if conversion stopped due to reaching a
75 terminating null wide-character) or the address just past the last
76 wide-character converted (if any). If conversion stopped due to reaching a
77 terminating null wide-character, the resulting state described is the initial
78 conversion state.
79 .LP
80 If \fFips\fR is a null pointer, these functions uses their own
81 internal \fBmbstate_t\fR object, which is initialized at program startup to the
82 initial conversion state. Otherwise, the \fBmbstate_t\fR object pointed to by
83 \fFips\fR is used to completely describe the current conversion state of the
84 associated character sequence. The system will behave as if no function defined
85 in the Reference Manual calls any of these functions.
86 .LP
87 The behavior of \fBwcsrtombs()\fR and \fBwcsnrtombs()\fR are affected by the
88 \fBLC_CTYPE\fR category of the current locale. See \fBenviron\fR(5).
89 .LP
90 The behavior of \fBwcsrtombs_l()\fR is affected by the \fBLC_CTYPE\fR category of
91 the current locale. See \fBenviron\fR(5).
92 .LP
93 The \fBwcsrtombs_l()\fR and \fBwcsnrtombs_l()\fR functions behave identically
94 to \fBwcsrtombs()\fR and \fBwcsnrtombs()\fR respectively, except
95 that instead of operating in the current locale, they operate in the locale
96 specified by \fFiloc\fR.
97 .SH RETURN VALUES
98 .LP
99 If conversion stops because a code is reached that does not correspond to a
100 valid character, an encoding error occurs. In this case, these
101 functions store the value of the macro \fBEILSEQ\fR in \fBerrno\fR and return
102 \fB(size_t)\fR(mil\fR; the conversion state is undefined. Otherwise, they return
103 the number of bytes in the resulting character sequence, not including the
104 terminating null (if any).
105 .SH ERRORS
106 .LP
107 These functions may fail if:
108 .sp
109 The \fBwcsrtombs()\fR and \fBwcsrtombs_l()\fR functions may fail if:
110 .sp
111 .ne 2
112 .na

```

```

108 \fB\fBEINVAL\fR\fR
109 .ad
110 .RS 10n
111 The \fIps\fR argument points to an object that contains an invalid conversion
112 state.
113 .RE

115 .sp
116 .ne 2
117 .na
118 \fB\fBEILSEQ\fR\fR
119 .ad
120 .RS 10n
121 A wide-character code does not correspond to a valid character.
122 .RE
123 .SH ATTRIBUTES
124 .LP
125 See \fBattributes\fR(5) for descriptions of the following attributes:
126 .TS
127 box;
128 c | c
129 l | l .
130 ATTRIBUTE TYPE ATTRIBUTE VALUE
131 _
132 Interface Stability See below.
133 _
134 MT-Level See below.
135 .TE

137 .LP
138 The \fBwcsrtombs()\fR and \fBwcsnrtombs()\fR functions are Standard. The
139 \fBwcsrtombs_l()\fR and \fBwcsnrtombs_l()\fR functions are Uncommitted.
123 The \fBwcsrtombs()\fR function is Standard. The \fBwcsrtombs_l()\fR
124 function is Uncommitted.
140 .LP
141 If \fIps\fR is a null pointer, these functions should be considered Unsafe
142 for use in multithreaded applications. Otherwise, they are MT-Safe.
143 .SH SEE ALSO
144 .LP
145 \fBmbsinit\fR(3C), \fBnewlocale\fR(3C), \fBsetlocale\fR(3C), \fBuselocale\fR(3C)
146 \fBwcrctomb\fR(3C), \fBattributes\fR(5),
147 \fBenviron\fR(5), \fBstandards\fR(5)

```

34016 Mon Jul 14 17:47:59 2014
new/usr/src/man/man3lib/libc.3lib
4964 nl_langinfo(CRNCYSTR) returns wrong alignment character
4999 libc test suite enhancements
4939 desire wcsnrtombs() function
Reviewed by: Jason King <jason.brian.king@gmail.com>
Reviewed by: Dan McDonald <dancmd@omniti.com>
Reviewed by: Igor Kozhukhov <ikozhukhov@gmail.com>
Approved by: TBD

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7 .\\ Copyright 2011 by Delphix. All rights reserved.
8 .TH LIBC 3LIB \"Jul 1, 2014\"
9 .SH NAME
10 libc \\- C library
11 .SH DESCRIPTION
12 .sp
13 .LP
14 Functions in this library provide various facilities defined by System V, ANSI
15 C, POSIX, and so on. See \\fBstandards\\fR(5). In addition, those facilities
16 previously defined in the internationalization and the wide-character libraries
17 are now defined in this library, as are the facilities previously defined in
18 the multithreading libraries, \\fBlibthread\\fR and \\fBlibpthread\\fR.
19 .SH INTERFACES
20 .sp
21 .LP
22 The shared object \\fBlibc.so.1\\fR provides the public interfaces defined below.
23 See \\fBIntro\\fR(3) for additional information on shared object interfaces.
24 .sp
26 .sp
27 .TS
28 1 1
29 1 1
30 \\fB___loc1\\fR \\fB___errno\\fR
31 \\fB___builtin_alloca\\fR \\fB___ctype\\fR
32 \\fB___fbufsize\\fR \\fB___flbf\\fR
33 \\fB___flt_rounds\\fR \\fB___fpending\\fR
34 \\fB___fpurge\\fR \\fB___freadable\\fR
35 \\fB___freading\\fR \\fB___fsetlocking\\fR
36 \\fB___fwritable\\fR \\fB___fwriting\\fR
37 \\fB___huge_val\\fR \\fB___iob\\fR
38 \\fB___locl\\fR \\fB___major\\fR
39 \\fB___makedev\\fR \\fB___mb_cur_max_1\\fR
40 \\fB___minor\\fR
41 \\fB___nsw_extended_action\\fR \\fB___nsw_freeconfig\\fR
42 \\fB___nsw_getconfig\\fR \\fB___posix_asctime_r\\fR
43 \\fB___posix_ctime_r\\fR \\fB___posix_getgrgid_r\\fR
44 \\fB___posix_getgrnam_r\\fR \\fB___posix_getlogin_r\\fR
45 \\fB___posix_getpwnam_r\\fR \\fB___posix_getpwuid_r\\fR
46 \\fB___posix_sigwait\\fR \\fB___posix_ttyname_r\\fR
47 \\fB___prioset\\fR \\fB___priosetset\\fR
48 \\fB___pthread_cleanup_pop\\fR \\fB___pthread_cleanup_push\\fR
49 \\fB___sysconf_xpg5\\fR \\fB___xpg4\\fR
50 \\fB___xpg4_putmsg\\fR \\fB___xpg4_putpmsg\\fR
51 \\fB_Exit\\fR \\fB_altzone\\fR
52 \\fB_assert\\fR \\fB_cleanup\\fR
53 \\fB_ctype\\fR \\fB_daylight\\fR
54 \\fB_environ\\fR \\fB_exit\\fR
55 \\fB_exithandle\\fR \\fB_filbuf\\fR

56 \\fB_flsbuf\\fR \\fB_flushlbf\\fR
57 \\fB_getdate_err\\fR \\fB_getdate_err_addr\\fR
58 \\fB_iob\\fR \\fB_isnan\\fR
59 \\fB_isnand\\fR \\fB_lwp_cond_broadcast\\fR
60 \\fB_lwp_cond_reltimedwait\\fR \\fB_lwp_cond_signal\\fR
61 \\fB_lwp_cond_timedwait\\fR \\fB_lwp_cond_wait\\fR
62 \\fB_lwp_continue\\fR \\fB_lwp_info\\fR
63 \\fB_lwp_kill\\fR \\fB_lwp_mutex_lock\\fR
64 \\fB_lwp_mutex_trylock\\fR \\fB_lwp_mutex_unlock\\fR
65 \\fB_lwp_self\\fR \\fB_lwp_sema_init\\fR
66 \\fB_lwp_sema_post\\fR \\fB_lwp_sema_trywait\\fR
67 \\fB_lwp_sema_wait\\fR \\fB_lwp_suspend\\fR
68 \\fB_lwp_suspend2\\fR \\fB_modf\\fR
69 \\fB_nextafter\\fR \\fB_nsc_trydoorcall\\fR
70 \\fB_nss_XbyY_buf_alloc\\fR \\fB_nss_XbyY_buf_free\\fR
71 \\fB_nss_netdb_aliases\\fR \\fB_numeric\\fR
72 \\fB_scalb\\fR \\fB_sibuf\\fR
73 \\fB_sobuf\\fR \\fB_stack_grow\\fR
74 \\fB_sys_buslist\\fR \\fB_sys_cldlist\\fR
75 \\fB_sys_fplist\\fR \\fB_sys_illlist\\fR
76 \\fB_sys_segvlst\\fR \\fB_sys_siginfofolistp\\fR
77 \\fB_sys_siglist\\fR \\fB_sys_siglistn\\fR
78 \\fB_sys_siglistp\\fR \\fB_sys_traplist\\fR
79 \\fB_timezone\\fR \\fB_tolower\\fR
80 \\fB_toupper\\fR \\fB_tzname\\fR
81 \\fB_xftw\\fR \\fB\\fR
82 \\fBa64l\\fR \\fBabort\\fR
83 \\fBabs\\fR \\fBaccess\\fR
84 \\fBacct\\fR \\fBacl\\fR
85 \\fBaddrtostr\\fR \\fBaddsev\\fR
86 \\fBaddseverity\\fR \\fBadjtime\\fR
87 \\fBaio_cancel\\fR \\fBaio_error\\fR
88 \\fBaio_fsync\\fR \\fBaio_read\\fR
89 \\fBaio_return\\fR \\fBaio_suspend\\fR
90 \\fBaio_waitn\\fR \\fBaio_write\\fR
91 \\fBaio_cancel\\fR \\fBaio_read\\fR
92 \\fBaio_wait\\fR \\fBaio_write\\fR
93 \\fBalarm\\fR \\fBalphasort\\fR
94 \\fBaltzone\\fR \\fBascftime\\fR
95 \\fBasctime\\fR \\fBasctime_r\\fR
96 \\fBasprintf\\fR
97 \\fBatexit\\fR \\fBatof\\fR
98 \\fBatoi\\fR \\fBatol\\fR
99 \\fBatoll\\fR \\fBatomic_add_16\\fR
100 \\fBatomic_add_16_nv\\fR \\fBatomic_add_32\\fR
101 \\fBatomic_add_32_nv\\fR \\fBatomic_add_64\\fR
102 \\fBatomic_add_64_nv\\fR \\fBatomic_add_8\\fR
103 \\fBatomic_add_8_nv\\fR \\fBatomic_add_char\\fR
104 \\fBatomic_add_char_nv\\fR \\fBatomic_add_int\\fR
105 \\fBatomic_add_int_nv\\fR \\fBatomic_add_long\\fR
106 \\fBatomic_add_long_nv\\fR \\fBatomic_add_ptr\\fR
107 \\fBatomic_add_ptr_nv\\fR \\fBatomic_add_short\\fR
108 \\fBatomic_add_short_nv\\fR \\fBatomic_and_16\\fR
109 \\fBatomic_and_16_nv\\fR \\fBatomic_and_32\\fR
110 \\fBatomic_and_32_nv\\fR \\fBatomic_and_64\\fR
111 \\fBatomic_and_64_nv\\fR \\fBatomic_and_8\\fR
112 \\fBatomic_and_8_nv\\fR \\fBatomic_and_uchar\\fR
113 \\fBatomic_and_uchar_nv\\fR \\fBatomic_and_uint\\fR
114 \\fBatomic_and_uint_nv\\fR \\fBatomic_and_ulong\\fR
115 \\fBatomic_and_ulong_nv\\fR \\fBatomic_and_ushort\\fR
116 \\fBatomic_and_ushort_nv\\fR \\fBatomic_cas_16\\fR
117 \\fBatomic_cas_32\\fR \\fBatomic_cas_64\\fR
118 \\fBatomic_cas_8\\fR \\fBatomic_cas_ptr\\fR
119 \\fBatomic_cas_uchar\\fR \\fBatomic_cas_uint\\fR
120 \\fBatomic_cas_ulong\\fR \\fBatomic_cas_ushort\\fR
121 \\fBatomic_clear_long_excl\\fR \\fBatomic_dec_16\\fR

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122 \fBatomic_dec_16_nv\fR \fBatomic_dec_32\fR
123 \fBatomic_dec_32_nv\fR \fBatomic_dec_64\fR
124 \fBatomic_dec_64_nv\fR \fBatomic_dec_8\fR
125 \fBatomic_dec_8_nv\fR \fBatomic_dec_ptr\fR
126 \fBatomic_dec_ptr_nv\fR \fBatomic_dec_uchar\fR
127 \fBatomic_dec_uchar_nv\fR \fBatomic_dec_uint\fR
128 \fBatomic_dec_uint_nv\fR \fBatomic_dec_ulong\fR
129 \fBatomic_dec_ulong_nv\fR \fBatomic_dec_ushort\fR
130 \fBatomic_dec_ushort_nv\fR \fBatomic_inc_16\fR
131 \fBatomic_inc_16_nv\fR \fBatomic_inc_32\fR
132 \fBatomic_inc_32_nv\fR \fBatomic_inc_64\fR
133 \fBatomic_inc_64_nv\fR \fBatomic_inc_8\fR
134 \fBatomic_inc_8_nv\fR \fBatomic_inc_ptr\fR
135 \fBatomic_inc_ptr_nv\fR \fBatomic_inc_uchar\fR
136 \fBatomic_inc_uchar_nv\fR \fBatomic_inc_uint\fR
137 \fBatomic_inc_uint_nv\fR \fBatomic_inc_ulong\fR
138 \fBatomic_inc_ulong_nv\fR \fBatomic_inc_ushort\fR
139 \fBatomic_inc_ushort_nv\fR \fBatomic_or_16\fR
140 \fBatomic_or_16_nv\fR \fBatomic_or_32\fR
141 \fBatomic_or_32_nv\fR \fBatomic_or_64\fR
142 \fBatomic_or_64_nv\fR \fBatomic_or_8\fR
143 \fBatomic_or_8_nv\fR \fBatomic_or_uchar\fR
144 \fBatomic_or_uchar_nv\fR \fBatomic_or_uint\fR
145 \fBatomic_or_uint_nv\fR \fBatomic_or_ulong\fR
146 \fBatomic_or_ulong_nv\fR \fBatomic_or_ushort\fR
147 \fBatomic_or_ushort_nv\fR \fBatomic_set_long_excl\fR
148 \fBatomic_swap_16\fR \fBatomic_swap_32\fR
149 \fBatomic_swap_64\fR \fBatomic_swap_8\fR
150 \fBatomic_swap_ptr\fR \fBatomic_swap_uchar\fR
151 \fBatomic_swap_uint\fR \fBatomic_swap_ulong\fR
152 \fBatomic_swap_ushort\fR \fBattropen\fR
153 \fBbacktrace\fR \fBbacktrace_symbols\fR
154 \fBbacktrace_symbols_fd\fR \fBbasename\fR
155 \fBbcmp\fR \fBbcopy\fR
156 \fBbind_textdomain\fR \fBbind_textdomain_codeset\fR
157 \fBbrk\fR \fBbsd_signal\fR
158 \fBbsearch\fR
159 \fBbtowc\fR \fBbtowc_l\fR
160 \fBbzero\fR \fBcalloc\fR
161 \fBcatclose\fR \fBcatgets\fR
162 \fBcatopen\fR \fBcfgetispeed\fR
163 \fBcfgetospeed\fR \fBcfsetispeed\fR
164 \fBcfsetospeed\fR \fBcftime\fR
165 \fBchdir\fR \fBchmod\fR
166 \fBchown\fR \fBchroot\fR
167 \fBclearerr\fR \fBclock\fR
168 \fBclock_getres\fR \fBclock_gettime\fR
169 \fBclock_nanosleep\fR \fBclock_settime\fR
170 \fBclose\fR \fBclosedir\fR
171 \fBclosefrom\fR \fBcloselog\fR
172 \fBcond_broadcast\fR \fBcond_destroy\fR
173 \fBcond_init\fR \fBcond_reltimedwait\fR
174 \fBcond_signal\fR \fBcond_timedwait\fR
175 \fBcond_wait\fR \fBconfstr\fR
176 \fBcreat\fR \fBcrypt\fR
177 \fBcrypt_genhash_impl\fR \fBcrypt_gensalt\fR
178 \fBcrypt_gensalt_impl\fR \fBcsetcol\fR
179 \fBcsetlen\fR \fBctermid\fR
180 \fBctermid_r\fR \fBctime\fR
181 \fBctime_r\fR \fBcuserid\fR
182 \fBdaemon\fR
183 \fBdaylight\fR \fBdbm_clearerr\fR
184 \fBdbm_close\fR \fBdbm_delete\fR
185 \fBdbm_error\fR \fBdbm_fetch\fR
186 \fBdbm_firstkey\fR \fBdbm_nextkey\fR
187 \fBdbm_open\fR \fBdbm_store\fR

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188 \fBdcgettext\fR \fBdcgettext\fR
189 \fBdecimal_to_double\fR \fBdecimal_to_extended\fR
190 \fBdecimal_to_quadruple\fR \fBdecimal_to_single\fR
191 \fBdgettext\fR \fBdifftime\fR
192 \fBdirectio\fR \fBdirfd\fR
193 \fBdirname\fR \fBdiv\fR
194 \fBdladdr\fR \fBdladdr1\fR
195 \fBdlclose\fR \fBdlclose\fR
196 \fBdlerror\fR \fBdlopen\fR
197 \fBdlmopen\fR \fBdlopen\fR
198 \fBdlsym\fR \fBdngettext\fR
199 \fBdoor_bind\fR \fBdoor_call\fR
200 \fBdoor_create\fR \fBdoor_cred\fR
201 \fBdoor_getparam\fR \fBdoor_info\fR
202 \fBdoor_return\fR \fBdoor_revoke\fR
203 \fBdoor_server_create\fR \fBdoor_setparam\fR
204 \fBdoor_ucred\fR \fBdoor_unbind\fR
205 \fBdouble_to_decimal\fR \fBdrand48\fR
206 \fBdup\fR \fBdup2\fR
207 \fBduplocale\fR
208 \fBconvert\fR \fBecvt\fR
209 \fBenable_extended_FILE_stdio\fR
210 \fBencrypt\fR \fBendgrent\fR
211 \fBendnetgrent\fR \fBendpwent\fR
212 \fBendspent\fR \fBendusershell\fR
213 \fBendutent\fR \fBendutxent\fR
214 \fBenvron\fR \fBerand48\fR
215 \fBerr\fR \fBerrno\fR
216 \fBerrx\fR \fBeuocol\fR
217 \fBeuclen\fR \fBeucscol\fR
218 \fBexecl\fR \fBexecle\fR
219 \fBexeclp\fR \fBexecv\fR
220 \fBexecve\fR \fBexecvp\fR
221 \fBexit\fR \fBextended_to_decimal\fR
222 \fBfaccessat\fR
223 \fBfacl\fR \fBfattach\fR
224 \fBfchdir\fR \fBfchmod\fR
225 \fBfchown\fR \fBfchownat\fR
226 \fBfchroot\fR \fBfclose\fR
227 \fBfcntl\fR \fBfcntl\fR
228 \fBfcvt\fR \fBfdatasync\fR
229 \fBfdetach\fR
230 \fBfdopen\fR \fBfdopendir\fR
231 \fBfdwalk\fR \fBfeof\fR
232 \fBferror\fR \fBfflush\fR
233 \fBffs\fR \fBffgetattr\fR
234 \fBfgetc\fR
235 \fBfgetgrent\fR \fBfgetgrent_r\fR
236 \fBfgetpos\fR \fBfgetpwent\fR
237 \fBfgetpwent_r\fR \fBfgets\fR
238 \fBfgetspent\fR \fBfgetspent_r\fR
239 \fBfgetwc\fR \fBfgetwc_l\fR
240 \fBfgetws\fR
241 \fBfile_to_decimal\fR \fBfileno\fR
242 \fBfinite\fR \fBflockfile\fR
243 \fBfmtmsg\fR \fBfnmatch\fR
244 \fBfopen\fR \fBfork\fR
245 \fBfork1\fR \fBforkall\fR
246 \fBforkallx\fR \fBforkx\fR
247 \fBfpconf\fR \fBfpclass\fR
248 \fBfpgetmask\fR \fBfpgetround\fR
249 \fBfpgetsticky\fR \fBfprintf\fR
250 \fBfpsetmask\fR \fBfpsetround\fR
251 \fBfpsetsticky\fR \fBfputc\fR
252 \fBfputs\fR \fBfputwc\fR
253 \fBfputws\fR \fBfread\fR

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254 \fBfree\fR          \fBfreelocale\fR
255 \fBfreopen\fR       \fBfscanf\fR
256 \fBfrexp\fR         \fBfseeko\fR
257 \fBfseek\fR         \fBfsetattr\fR
258 \fBfsetpos\fR        \fBfstat\fR
259 \fBfstatat\fR        \fBfstatfs\fR
260 \fBfstatvfs\fR      \fBfsync\fR
261 \fBftell\fR          \fBftello\fR
262 \fBftime\fR          \fBftok\fR
263 \fBftruncate\fR     \fBftrylockfile\fR
264 \fBftw\fR           \fBfunc_to_decimal\fR
265 \fBfunlockfile\fR   \fBfutimens\fR
266 \fBfutimesat\fR     \fBfwprintf\fR
267 \fBfwide\fR         \fBfwrite\fR
268 \fBfwrite\fR        \fBwscanf\fR
269 \fBgconvert\fR     \fBgcvtfR
270 \fBgetacct\fR      \fBgetatrat\fR
271 \fBgetc\fR          \fBgetc_unlocked\fR
272 \fBgetchar\fR       \fBgetchar_unlocked\fR
273 \fBgetc_unlocked\fR \fBgetcontext\fR
274 \fBgetchar_unlocked\fR \fBgetcwd\fR
275 \fBgetcpuid\fR      \fBgetdate\fR
276 \fBgetdate\fR      \fBgetdate_err\fR
277 \fBgetdents\fR     \fBgetdtablesize\fR
278 \fBgetegid\fR      \fBgetenv\fR
279 \fBgeteuid\fR      \fBgetexecname\fR
280 \fBgetextmntent\fR \fBgetgid\fR
281 \fBgetgrent\fR     \fBgetgrent_r\fR
282 \fBgetgrgid\fR     \fBgetgrgid_r\fR
283 \fBgetgrnam\fR     \fBgetgrnam_r\fR
284 \fBgetgroups\fR    \fBgethomegroup\fR
285 \fBgethostid\fR    \fBgethostname\fR
286 \fBgethrtime\fR    \fBgethrtime\fR
287 \fBgetisax\fR      \fBgetitimer\fR
288 \fBgetloadavg\fR   \fBgetlogin\fR
289 \fBgetlogin_r\fR   \fBgetmntany\fR
290 \fBgetmntent\fR    \fBgetmsg\fR
291 \fBgetnetgrent\fR  \fBgetnetgrent_r\fR
292 \fBgetopt\fR       \fBgetopt_clip\fR
293 \fBgetopt_long\fR  \fBgetopt_long_only\fR
294 \fBgetpagesize\fR \fBgetpagesizees\fR
295 \fBgetpass\fR      \fBgetpassphrase\fR
296 \fBgetpeerucred\fR \fBgetpflags\fR
297 \fBgetpgid\fR      \fBgetpgrp\fR
298 \fBgetpid\fR       \fBgetpmsg\fR
299 \fBgetppid\fR      \fBgetppriv\fR
300 \fBgetpriority\fR  \fBgetprojid\fR
301 \fBgetpw\fR        \fBgetpwent\fR
302 \fBgetpwent_r\fR   \fBgetpwnam\fR
303 \fBgetpwnam_r\fR   \fBgetpwuid\fR
304 \fBgetpwuid_r\fR   \fBgetrctl\fR
305 \fBgetrlimit\fR   \fBgetrusage\fR
306 \fBgets\fR         \fBgetsid\fR
307 \fBgetspent\fR     \fBgetspent_r\fR
308 \fBgetspnam\fR     \fBgetspnam_r\fR
309 \fBgetsubopt\fR    \fBgettaskid\fR
310 \fBgetttext\fR     \fBgettimeofday\fR
311 \fBgettxt\fR       \fBgetuid\fR
312 \fBgetusershell\fR \fBgetustack\fR
313 \fBgetutent\fR     \fBgetutid\fR
314 \fBgetutline\fR   \fBgetutmp\fR
315 \fBgetutmpx\fR    \fBgetutxent\fR
316 \fBgetutxid\fR    \fBgetutxline\fR
317 \fBgetvfsany\fR   \fBgetvfsent\fR
318 \fBgetvfsfile\fR  \fBgetvfsspec\fR
319 \fBgetw\fR

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320 \fBgetwc\fR        \fBgetwc_l\fR
321 \fBgetwchar\fR     \fBgetwchar_l\fR
322 \fBgetwd\fR         \fBgetws\fR
323 \fBgetwidth\fR     \fBgetws\fR
324 \fBgetzoneid\fR    \fBgetzoneidbyname\fR
325 \fBgetzonenamebyid\fR \fBglob\fR
326 \fBglobfree\fR     \fBgmtime\fR
327 \fBgmtime_r\fR     \fBgrantpt\fR
328 \fBgsignal\fR     \fBhasmntopt\fR
329 \fBhcreate\fR      \fBhdestroy\fR
330 \fBhsearch\fR      \fBhconv\fR
331 \fBhconv_close\fR  \fBhconv_open\fR
332 \fBimaxabs\fR      \fBimaxdiv\fR
333 \fBindex\fR        \fBinitgroups\fR
334 \fBinitstate\fR    \fBinnnetgr\fR
335 \fBinsque\fR       \fBioctl\fR
336 \fBis_system_labeled\fR
337 \fBisaexec\fR      \fBisalnum_l\fR
338 \fBisalnum\fR      \fBisalpha_l\fR
339 \fBisalpha\fR      \fBisascii_l\fR
340 \fBisascii\fR      \fBisastream\fR
341 \fBisatty\fR       \fBisblank_l\fR
342 \fBisblank\fR     \fBisblank_l\fR
343 \fBiscntrl\fR     \fBiscntrl_l\fR
344 \fBisdigit\fR     \fBisdigit_l\fR
345 \fBisenglish\fR   \fBisgraph_l\fR
346 \fBisgraph\fR     \fBisgraph_l\fR
347 \fBisideogram\fR  \fBislower_l\fR
348 \fBislower\fR     \fBislower_l\fR
349 \fBisnan\fR        \fBisnand\fR
350 \fBisnand\fR       \fBisnand_l\fR
351 \fBisnumber\fR     \fBisphonogram\fR
352 \fBisprint\fR     \fBisprint_l\fR
353 \fBispunct\fR     \fBispunct_l\fR
354 \fBissetugid\fR  \fBissspace_l\fR
355 \fBissspace\fR    \fBissspecial_l\fR
356 \fBissspecial\fR  \fBisupper_l\fR
357 \fBisupper\fR     \fBisupper_l\fR
358 \fBiswalnum\fR    \fBiswalnum_l\fR
359 \fBiswalphal\fR   \fBiswalphal_l\fR
360 \fBiswblank_l\fR  \fBiswblank_l_l\fR
361 \fBiswcntrl_l\fR \fBiswcntrl_l_l\fR
362 \fBiswctype_l\fR \fBiswctype_l_l\fR
363 \fBiswdigit_l\fR \fBiswdigit_l_l\fR
364 \fBiswideogram_l\fR \fBiswideogram_l_l\fR
365 \fBiswgraph_l\fR \fBiswgraph_l_l\fR
366 \fBiswhexnumber_l\fR \fBiswhexnumber_l_l\fR
367 \fBiswlower_l\fR \fBiswlower_l_l\fR
368 \fBiswnumber_l\fR \fBiswnumber_l_l\fR
369 \fBiswphonogram_l\fR \fBiswphonogram_l_l\fR
370 \fBiswprint_l\fR \fBiswprint_l_l\fR
371 \fBiswpunct_l\fR \fBiswpunct_l_l\fR
372 \fBiswspace_l\fR \fBiswspace_l_l\fR
373 \fBiswsspecial_l_l\fR \fBiswsspecial_l_l_l\fR
374 \fBiswupper_l_l\fR \fBiswupper_l_l_l\fR
375 \fBiswxdigit_l_l\fR \fBiswxdigit_l_l_l\fR
376 \fBisxdigit_l_l\fR \fBisxdigit_l_l_l\fR
377 \fBjrand48\fR     \fBkill\fR
378 \fBkillpg\fR      \fBkillpg\fR
379 \fBlabs\fR         \fBladd\fR
380 \fBlchown\fR       \fBlckpwnam\fR
381 \fBlcong48\fR     \fBlconv48\fR
382 \fBldivide\fR     \fBllexp10\fR
383 \fBlfind\fR       \fBlfmt\fR
384 \fBlink\fR        \fBlio_listio\fR
385 \fBlldbl\fR

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386 \fBlldiv\fR      \fBllog10\fR
387 \fBlseek\fR      \fBltostr\fR
388 \fBlocaleconv\fR \fBlocaltime\fR
389 \fBlocaltime_r\fR \fBclockf\fR
390 \fBLogb\fR        \fBlone\fR
391 \fBLongjmp\fR     \fBlrand48\fR
392 \fBlsearch\fR     \fBlseek\fR
393 \fBlshiftl\fR     \fBlstat\fR
394 \fBlsub\fR        \fBlten\fR
395 \fBlzero\fR       \fBmadvise\fR
396 \fBmakecontext\fR \fBmakeutx\fR
397 \fBmalloc\fR
398 \fBmblen\fR        \fBmblen_l\fR
399 \fBmbrlen\fR       \fBmbrlen_l\fR
400 \fBmbrtowc\fR     \fBmbrtowc_l\fR
401 \fBmbsinit\fR     \fBmbsinit_l\fR
402 \fBmbsnrtowcs\fR  \fBmbsnrtowcs_l\fR
403 \fBmbsrtowcs\fR  \fBmbsrtowcs_l\fR
404 \fBmbstowcs\fR   \fBmbstowcs_l\fR
405 \fBmbtowc\fR     \fBmbtowc_l\fR
406 \fBmemalign\fR    \fBmembar_consumer\fR
407 \fBmembar_enter\fR \fBmembar_exit\fR
408 \fBmembar_producer\fR \fBmemccpy\fR
409 \fBmemchr\fR      \fBmemcmp\fR
410 \fBmemcntl\fR    \fBmemcpy\fR
411 \fBmeminfo\fR    \fBmemmove\fR
412 \fBmemset\fR     \fBmincore\fR
413 \fBmkdir\fR      \fBmkfifo\fR
414 \fBmknod\fR      \fBmkstemp\fR
415 \fBmktemp\fR     \fBmktime\fR
416 \fBmlock\fR      \fBmlockall\fR
417 \fBmmap\fR        \fBmmapobj\fR
418 \fBmodctl\fR
419 \fBmodf\fR        \fBmodff\fR
420 \fBmodutx\fR     \fBmonitor\fR
421 \fBmount\fR       \fBmprotect\fR
422 \fBmq_close\fR   \fBmq_getattr\fR
423 \fBmq_notify\fR  \fBmq_open\fR
424 \fBmq_receive\fR \fBmq_reltimedreceive_np\fR
425 \fBmq_reltimedsend_np\fR \fBmq_send\fR
426 \fBmq_setattr\fR \fBmq_timedreceive\fR
427 \fBmq_timedsend\fR \fBmq_unlink\fR
428 \fBmrand48\fR    \fBmsgctl\fR
429 \fBmsgget\fR     \fBmsgids\fR
430 \fBmsgrcv\fR    \fBmsgsnap\fR
431 \fBmsgsnd\fR    \fBmsync\fR
432 \fBmunlock\fR   \fBmunlockall\fR
433 \fBmunmap\fR     \fBmutex_consistent\fR
434 \fBmutex_destroy\fR \fBmutex_init\fR
435 \fBmutex_lock\fR  \fBmutex_trylock\fR
436 \fBmutex_unlock\fR \fBnanosleep\fR
437 \fBnextafter\fR  \fBnewlocale\fR
438 \fBnfs_getfh\fR  \fBnftw\fR
439 \fBngettext\fR   \fBnice\fR
440 \fBnln_langinfo\fR \fBnln_langinfo_l\fR
441 \fBnrand48\fR
442 \fBnss_default_finders\fR \fBnss_delete\fR
443 \fBnss_endent\fR  \fBnss_getent\fR
444 \fBnss_search\fR \fBnss_setent\fR
445 \fBntp_adjtime\fR \fBntp_gettime\fR
446 \fBopen\fR        \fBopenat\fR
447 \fBopendir\fR     \fBopenlog\fR
448 \fBoptarg\fR     \fBopterr\fR
449 \fBoptind\fR     \fBoptopt\fR
450 \fBp_online\fR   \fBpathconf\fR
451 \fBpause\fR       \fBpclose\fR

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452 \fBperror\fR     \fBperror\fR
453 \fBpfmt\fR        \fBpipe\fR
454 \fBplock\fR       \fBpoll\fR
455 \fBpopen\fR       \fBport_alert\fR
456 \fBport_associate\fR \fBport_create\fR
457 \fBport_dissociate\fR \fBport_get\fR
458 \fBport_getn\fR   \fBport_send\fR
459 \fBport_sendn\fR  \fBposix_fadvise\fR
460 \fBposix_fallocate\fR \fBposix_madvise\fR
461 \fBposix_memalign\fR \fBposix_openpt\fR
462 \fBposix_spawn\fR \fBposix_spawn_file_actions_addclose\fR
463 \fBposix_spawn_file_actions_addclosefrom_np\fR \fBposix_spawn_file_actions_add
464 \fBposix_spawn_file_actions_addopen\fR
465 \fBposix_spawn_file_actions_destroy\fR
466 \fBposix_spawn_file_actions_init\fR
467 \fBposix_spawn_pipe_np\fR
468 \fBposix_spawnattr_destroy\fR
469 \fBposix_spawnattr_getflags\fR \fBposix_spawnattr_getpgroup\fR
470 \fBposix_spawnattr_getschedparam\fR \fBposix_spawnattr_getschedpolicy\fR
471 \fBposix_spawnattr_getsigdefault\fR \fBposix_spawnattr_getsigignore_np\fR
472 \fBposix_spawnattr_getsigmask\fR \fBposix_spawnattr_init\fR
473 \fBposix_spawnattr_setflags\fR \fBposix_spawnattr_setpgroup\fR
474 \fBposix_spawnattr_setschedparam\fR \fBposix_spawnattr_setschedpolicy\fR
475 \fBposix_spawnattr_setsigdefault\fR \fBposix_spawnattr_setsigignore_np\fR
476 \fBposix_spawnattr_setsigmask\fR \fBposix_spawnnp\fR
477 \fBpread\fR       \fBprintf\fR
478 \fBprintstack\fR  \fBpriocntl\fR
479 \fBpriocntlset\fR \fBpriv_addset\fR
480 \fBpriv_allocset\fR \fBpriv_copyset\fR
481 \fBpriv_delset\fR  \fBpriv_emptyset\fR
482 \fBpriv_fillset\fR \fBpriv_freeset\fR
483 \fBpriv_getbyname\fR \fBpriv_getbynum\fR
484 \fBpriv_getsetbyname\fR \fBpriv_getsetbyname\fR
485 \fBpriv_gettext\fR \fBpriv_ineffect\fR
486 \fBpriv_intersect\fR \fBpriv_inverse\fR
487 \fBpriv_isemptyset\fR \fBpriv_isequalset\fR
488 \fBpriv_isfullset\fR \fBpriv_ismember\fR
489 \fBpriv_issubset\fR \fBpriv_set\fR
490 \fBpriv_set_to_str\fR \fBpriv_str_to_set\fR
491 \fBpriv_union\fR   \fBprocessor_bind\fR
492 \fBprocessor_info\fR \fBprofil\fR
493 \fBpselect\fR      \fBpset_assign\fR
494 \fBpset_bind\fR   \fBpset_create\fR
495 \fBpset_destroy\fR \fBpset_getattr\fR
496 \fBpset_getloadavg\fR \fBpset_info\fR
497 \fBpset_list\fR   \fBpset_setattr\fR
498 \fBpsiginfo\fR    \fBpsignal\fR
499 \fBpthread_atfork\fR \fBpthread_attr_destroy\fR
500 \fBpthread_attr_getdetachstate\fR \fBpthread_attr_getguardsize\fR
501 \fBpthread_attr_getinheritsched\fR \fBpthread_attr_getschedparam\fR
502 \fBpthread_attr_getschedpolicy\fR \fBpthread_attr_getscope\fR
503 \fBpthread_attr_getstack\fR \fBpthread_attr_getstackaddr\fR
504 \fBpthread_attr_getstacksize\fR \fBpthread_attr_init\fR
505 \fBpthread_attr_setdetachstate\fR \fBpthread_attr_setguardsize\fR
506 \fBpthread_attr_setinheritsched\fR \fBpthread_attr_setschedparam\fR
507 \fBpthread_attr_setschedpolicy\fR \fBpthread_attr_setscope\fR
508 \fBpthread_attr_setstack\fR \fBpthread_attr_setstackaddr\fR
509 \fBpthread_attr_setstacksize\fR \fBpthread_barrier_destroy\fR
510 \fBpthread_barrier_init\fR \fBpthread_barrier_wait\fR
511 \fBpthread_barrierattr_destroy\fR \fBpthread_barrierattr_getshared\fR
512 \fBpthread_barrierattr_init\fR \fBpthread_barrierattr_setshared\fR
513 \fBpthread_cancel\fR \fBpthread_cond_broadcast\fR
514 \fBpthread_cond_destroy\fR \fBpthread_cond_init\fR
515 \fBpthread_cond_reltimedwait_np\fR \fBpthread_cond_signal\fR
516 \fBpthread_cond_timedwait\fR \fBpthread_cond_wait\fR
517 \fBpthread_condattr_destroy\fR \fBpthread_condattr_getclock\fR

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518 \fBpthread_condattr_getpshared\fR          \fBpthread_condattr_init\fR
519 \fBpthread_condattr_setclock\fR \fBpthread_condattr_setpshared\fR
520 \fBpthread_create\fR          \fBpthread_detach\fR
521 \fBpthread_equal\fR          \fBpthread_exit\fR
522 \fBpthread_getconcurrency\fR \fBpthread_getschedparam\fR
523 \fBpthread_getspecific\fR \fBpthread_join\fR
524 \fBpthread_key_create\fR \fBpthread_key_create_once_np\fR
525 \fBpthread_key_delete\fR
526 \fBpthread_kill\fR          \fBpthread_mutex_consistent\fR
527 \fBpthread_mutex_destroy\fR \fBpthread_mutex_getprioceiling\fR
528 \fBpthread_mutex_init\fR \fBpthread_mutex_lock\fR
529 \fBpthread_mutex_reltimedlock_np\fR \fBpthread_mutex_setprioceiling\fR
530 \fBpthread_mutex_timedlock\fR \fBpthread_mutex_trylock\fR
531 \fBpthread_mutex_unlock\fR \fBpthread_mutexattr_destroy\fR
532 \fBpthread_mutexattr_getprioceiling\fR \fBpthread_mutexattr_getprotocol\fR
533 \fBpthread_mutexattr_getpshared\fR \fBpthread_mutexattr_getrobust\fR
534 \fBpthread_mutexattr_gettype\fR \fBpthread_mutexattr_init\fR
535 \fBpthread_mutexattr_setprioceiling\fR \fBpthread_mutexattr_setprotocol\fR
536 \fBpthread_mutexattr_setpshared\fR \fBpthread_mutexattr_setrobust\fR
537 \fBpthread_mutexattr_settype\fR \fBpthread_once\fR
538 \fBpthread_rwlock_destroy\fR \fBpthread_rwlock_init\fR
539 \fBpthread_rwlock_rdlock\fR \fBpthread_rwlock_reltimedrdlock_np\fR
540 \fBpthread_rwlock_reltimedwrlck_np\fR \fBpthread_rwlock_timedrdlock\fR
541 \fBpthread_rwlock_timedwrlck\fR \fBpthread_rwlock_tryrdlock\fR
542 \fBpthread_rwlock_trywrlock\fR \fBpthread_rwlock_unlock\fR
543 \fBpthread_rwlock_wrlock\fR \fBpthread_rwlockattr_destroy\fR
544 \fBpthread_rwlockattr_getpshared\fR \fBpthread_rwlockattr_init\fR
545 \fBpthread_rwlockattr_setpshared\fR \fBpthread_self\fR
546 \fBpthread_setcancelstate\fR \fBpthread_setcanceltype\fR
547 \fBpthread_setconcurrency\fR \fBpthread_setspecific\fR
548 \fBpthread_sigmask\fR \fBpthread_setschedparam\fR
549 \fBpthread_setschedprio\fR \fBpthread_spin_destroy\fR
550 \fBpthread_spin_init\fR \fBpthread_spin_lock\fR
551 \fBpthread_spin_trylock\fR \fBpthread_spin_unlock\fR
552 \fBpthread_testcancel\fR \fBptsname\fR
553 \fBputacct\fR \fBputc\fR
554 \fBputc_unlocked\fR \fBputcchar\fR
555 \fBputcchar_unlocked\fR \fBputenv\fR
556 \fBputmsg\fR \fBputpmsg\fR
557 \fBputpwent\fR \fBputs\fR
558 \fBputspent\fR \fBpututline\fR
559 \fBpututxline\fR \fBputw\fR
560 \fBputwc\fR \fBputwchar\fR
561 \fBputws\fR \fBpwrite\fR
562 \fBqecvt\fR \fBqecvt\fR
563 \fBqfcvt\fR \fBqfcvt\fR
564 \fBqgcvt\fR \fBqgcvt\fR
565 \fBqsort\fR \fBquaduple_to_decimal\fR
566 \fBraise\fR \fBrand\fR
567 \fBrand_r\fR \fBrandom\fR
568 \fBrcctl_walk\fR \fBrcctlblk_get_enforced_value\fR
569 \fBrcctlblk_get_firing_time\fR \fBrcctlblk_get_global_action\fR
570 \fBrcctlblk_get_global_flags\fR \fBrcctlblk_get_local_action\fR
571 \fBrcctlblk_get_local_flags\fR \fBrcctlblk_get_privilege\fR
572 \fBrcctlblk_get_recipient_pid\fR \fBrcctlblk_get_value\fR
573 \fBrcctlblk_set_local_action\fR \fBrcctlblk_set_local_flags\fR
574 \fBrcctlblk_set_privilege\fR \fBrcctlblk_set_recipient_pid\fR
575 \fBrcctlblk_set_value\fR \fBrcctlblk_size\fR
576 \fBre_comp\fR \fBre_exec\fR
577 \fBread\fR \fBreaddir\fR
578 \fBreaddir_r\fR \fBreadlink\fR
579 \fBreadv\fR \fBrealloc\fR
580 \fBrealpath\fR \fBreboot\fR
581 \fBregcmp\fR \fBregcomp\fR
582 \fBregerror\fR \fBregex\fR
583 \fBregexec\fR \fBregfree\fR

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584 \fBremove\fR \fBremque\fR
585 \fBrename\fR \fBrenameat\fR
586 \fBresetmnttab\fR \fBresolvepath\fR
587 \fBrewind\fR \fBrewinddir\fR
588 \fBrindex\fR \fBrmkdir\fR
589 \fBBrw_rdlock\fR \fBBrw_read_held\fR
590 \fBBrw_tryrdlock\fR \fBBrw_trywrlock\fR
591 \fBBrw_unlock\fR \fBBrw_write_held\fR
592 \fBBrw_wrlock\fR \fBBrwlock_destroy\fR
593 \fBBrwlock_init\fR \fBBrwlock_init\fR
594 \fBbscalb\fR \fBbscandir\fR
595 \fBbscanf\fR \fBbsched_get_priority_max\fR
596 \fBbsched_get_priority_min\fR \fBbsched_getparam\fR
597 \fBbsched_getscheduler\fR \fBbsched_rr_get_interval\fR
598 \fBbsched_setparam\fR \fBbsched_setscheduler\fR
599 \fBbsched_yield\fR \fBbschedctl_exit\fR
600 \fBbschedctl_init\fR \fBbschedctl_lookup\fR
601 \fBbschedctl_start\fR \fBbschedctl_stop\fR
602 \fBbseconvert\fR \fBbseed48\fR
603 \fBbseekdir\fR \fBbselect\fR
604 \fBbsem_close\fR \fBbsem_destroy\fR
605 \fBbsem_getvalue\fR \fBbsem_init\fR
606 \fBbsem_open\fR \fBbsem_post\fR
607 \fBbsem_reltimedwait_np\fR \fBbsem_timedwait\fR
608 \fBbsem_trywait\fR \fBbsem_unlink\fR
609 \fBbsem_wait\fR
610 \fBbsema_destroy\fR \fBbsema_held\fR
611 \fBbsema_init\fR \fBbsema_post\fR
612 \fBbsema_trywait\fR \fBbsema_wait\fR
613 \fBbsemctl\fR \fBbsemget\fR
614 \fBbsemids\fR \fBbsemop\fR
615 \fBbsemtimedop\fR \fBbsetattrat\fR
616 \fBbsetbuf\fR
617 \fBbsetbuffer\fR \fBbsetcat\fR
618 \fBbsetcontext\fR \fBbsetegid\fR
619 \fBbsetenv\fR \fBbseteuid\fR
620 \fBbsetgid\fR \fBbsetgrent\fR
621 \fBbsetgroups\fR \fBbsethostname\fR
622 \fBbsetitimer\fR \fBbsetjmp\fR
623 \fBbsetkey\fR \fBbsetlabel\fR
624 \fBbsetlinebuf\fR \fBbsetlocale\fR
625 \fBbsetlogmask\fR \fBbsetnetgrent\fR
626 \fBbsetpflags\fR \fBbsetpgid\fR
627 \fBbsetpgrp\fR \fBbsetppriv\fR
628 \fBbsetpriority\fR \fBbsetpwent\fR
629 \fBbsetrctl\fR \fBbsetregid\fR
630 \fBbsetreuid\fR \fBbsetrlimit\fR
631 \fBbsetsid\fR \fBbsetspent\fR
632 \fBbsetstate\fR \fBbsettaskid\fR
633 \fBbsettimeofday\fR \fBbsetuid\fR
634 \fBbsetusershell\fR \fBbsetustack\fR
635 \fBbsetutent\fR \fBbsetutxent\fR
636 \fBbsetvbuf\fR \fBbsetvbuf\fR
637 \fBbsetvbuf\fR \fBbshm_open\fR
638 \fBbshm_unlink\fR \fBbshmat\fR
639 \fBbshmctl\fR \fBbshmdt\fR
640 \fBbshmget\fR \fBbshmidis\fR
641 \fBbsig2str\fR \fBbsigaction\fR
642 \fBbsigaddset\fR \fBbsigaltstack\fR
643 \fBbsigdelset\fR \fBbsigemptyset\fR
644 \fBbsigfillset\fR \fBbsigfpe\fR
645 \fBbsighold\fR \fBbsigignore\fR
646 \fBbsiginterrupt\fR \fBbsigismember\fR
647 \fBbsiglongjmp\fR \fBbsignal\fR
648 \fBbsigpause\fR \fBbsigpending\fR
649 \fBbsigprocmask\fR \fBbsigqueue\fR

```



```

650 \fBsigrelse\fR
651 \fBsigsend\fR \fBsigsendset\fR
652 \fBsigset\fR \fBsigsetjmp\fR
653 \fBsigstack\fR \fBsigsuspend\fR
654 \fBsigtimedwait\fR \fBsigwait\fR
655 \fBsigwaitinfo\fR \fBsingle_to_decimal\fR
656 \fBsleep\fR \fBsnprintf\fR
657 \fBsprintf\fR \fBsrnd\fR
658 \fBsrnd48\fR \fBsrndom\fR
659 \fBsscanf\fR \fBssignal\fR
660 \fBstack_getbounds\fR \fBstack_inbounds\fR
661 \fBstack_setbounds\fR \fBstack_violation\fR
662 \fBstat\fR \fBstats\fR
663 \fBstatvfs\fR \fBstime\fR
664 \fBstr2sig\fR
665 \fBstrncasecmp\fR \fBstrncasecmp_l\fR
666 \fBstrncat\fR \fBstrchr\fR
667 \fBstrncpy\fR \fBstrcoll\fR
668 \fBstrncpy\fR \fBstrcspn\fR
669 \fBstrdup\fR \fBstrerror\fR
670 \fBstrerror_r\fR
671 \fBstrfmon\fR \fBstrfmon_l\fR
672 \fBstrftime\fR \fBstrptime_l\fR
673 \fBstring_to_decimal\fR
674 \fBstrlcat\fR \fBstrncpy\fR
675 \fBstrlen\fR
676 \fBstrncasecmp\fR \fBstrncasecmp_l\fR
677 \fBstrncat\fR \fBstrncmp\fR
678 \fBstrncpy\fR \fBstrpbrk\fR
679 \fBstrptime\fR \fBstrptime_l\fR
680 \fBstrrchr\fR \fBstrsep\fR
681 \fBstrsignal\fR \fBstrspn\fR
682 \fBstrstr\fR \fBstrtod\fR
683 \fBstrtof\fR \fBstrtoimax\fR
684 \fBstrtok\fR \fBstrtok_r\fR
685 \fBstrtol\fR \fBstrtol_d\fR
686 \fBstrtol_l\fR \fBstrtol_u\fR
687 \fBstrtoull\fR \fBstrtoimax\fR
688 \fBstrtowns\fR \fBstrxfrm\fR
689 \fBswab\fR \fBswapcontext\fR
690 \fBswapctl\fR \fBswprintf\fR
691 \fBswscanf\fR \fBsymlink\fR
692 \fBsync\fR \fBsync_instruction_memory\fR
693 \fBsysconf\fR \fBsysfs\fR
694 \fBsysinfo\fR \fBsyslog\fR
695 \fBsystem\fR \fBtcdrain\fR
696 \fBtcf flow\fR \fBtcf flush\fR
697 \fBtcf getattr\fR \fBtcf getpgrp\fR
698 \fBtcf getsid\fR \fBtcf sendbreak\fR
699 \fBtcf setattr\fR \fBtcf setpgrp\fR
700 \fBtdelete\fR \fBtello\fR
701 \fBtelldir\fR \fBtempnam\fR
702 \fBtextdomain\fR \fBtfind\fR
703 \fBthr_continue\fR \fBthr_create\fR
704 \fBthr_exit\fR \fBthr_getconcurrency\fR
705 \fBthr_getprio\fR \fBthr_getspecific\fR
706 \fBthr_join\fR \fBthr_keycreate\fR
707 \fBthr_keycreate_once\fR
708 \fBthr_kill\fR \fBthr_main\fR
709 \fBthr_min_stack\fR \fBthr_self\fR
710 \fBthr_setconcurrency\fR \fBthr_setprio\fR
711 \fBthr_setspecific\fR \fBthr_sigsetmask\fR
712 \fBthr_stksegment\fR \fBthr_suspend\fR
713 \fBthr_yield\fR \fBtime\fR
714 \fBtimer_create\fR \fBtimer_delete\fR
715 \fBtimer_getoverrun\fR \fBtimer_gettime\fR

```

```

716 \fBtimer_settime\fR
717 \fBtimes\fR \fBtimezone\fR
718 \fBtmpfile\fR \fBtmpnam\fR
719 \fBtmpnam_r\fR \fBtoascii\fR
720 \fBtolower\fR \fBtolower_l\fR
721 \fBtoupper\fR \fBtoupper_l\fR
722 \fBtowctrans\fR \fBtowctrans_l\fR
723 \fBtowlower\fR \fBtowlower_l\fR
724 \fBtowupper\fR \fBtowupper_l\fR
725 \fBtruncate\fR
726 \fBtsearch\fR \fBttyname\fR
727 \fBttyname_r\fR \fBttypslot\fR
728 \fBtwalk\fR \fBtzname\fR
729 \fBtzset\fR \fBu8_strerror\fR
730 \fBu8_textprep_str\fR \fBu8_validate\fR
731 \fBuadmin\fR
732 \fBualarm\fR \fBuconv_u16tou32\fR
733 \fBuconv_u16tou8\fR \fBuconv_u32tou16\fR
734 \fBuconv_u32tou8\fR \fBuconv_u8tou16\fR
735 \fBuconv_u8tou32\fR \fBucred_free\fR
736 \fBucred_get\fR \fBucred_getegid\fR
737 \fBucred_geteuid\fR \fBucred_getgroups\fR
738 \fBucred_getpflags\fR \fBucred_getpid\fR
739 \fBucred_getprivset\fR \fBucred_getprojid\fR
740 \fBucred_getrgid\fR \fBucred_getruid\fR
741 \fBucred_getsgid\fR \fBucred_getsuid\fR
742 \fBucred_getzoneid\fR \fBucred_size\fR
743 \fBulckpwd\fR \fBulimit\fR
744 \fBulltostr\fR \fBumask\fR
745 \fBumount\fR \fBumount2\fR
746 \fBuname\fR \fBungetc\fR
747 \fBungetwc\fR \fBunlink\fR
748 \fBunlinkat\fR \fBunlockpt\fR
749 \fBunordered\fR \fBunsetenv\fR
750 \fBupdwtmp\fR \fBupdwtmpx\fR
751 \fBuselocale\fR
752 \fBusleep\fR \fBustat\fR
753 \fButime\fR \fButimensat\fR
754 \fButimes\fR \fButmpname\fR
755 \fButmpxname\fR \fBuucopy\fR
756 \fBvalloc\fR \fBvasprintf\fR
757 \fBverror\fR \fBverrorx\fR
758 \fBvfork\fR \fBvforkx\fR
759 \fBvfprintf\fR \fBvfscanf\fR
760 \fBvfwprintf\fR \fBvfwscanf\fR
761 \fBvhangup\fR \fBvlfmt\fR
762 \fBvpfmt\fR \fBvprintf\fR
763 \fBvscanf\fR \fBvsnprintf\fR
764 \fBvsprintf\fR \fBvsscanf\fR
765 \fBvswprintf\fR \fBvswscanf\fR
766 \fBvsyslog\fR \fBvwarn\fR
767 \fBvwarnx\fR \fBvwprintf\fR
768 \fBvwscanf\fR \fBwait\fR
769 \fBwait3\fR \fBwait4\fR
770 \fBwaitid\fR \fBwaitpid\fR
771 \fBwalkcontext\fR \fBwarn\fR
772 \fBwarnx\fR \fBwatoll\fR
773 \fBwcr tomb\fR \fBwcr tomb_l\fR
774 \fBwccat\fR
775 \fBwccschr\fR \fBwccscmp\fR
776 \fBwccscol l\fR \fBwccscol l_l\fR
777 \fBwccsncpy\fR
778 \fBwccsncpy\fR \fBwccstime\fR
779 \fBwccslen\fR \fBwccsncat\fR
780 \fBwccsncpy\fR \fBwccsncpy\fR
781 \fBwccsnrtombs\fR \fBwccsnrtombs_l\fR

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782 \fBwcpbrk\fR \fBwscrchr\fR
783 \fBwcsrtombs\fR \fBwscr_tombs_l\fR
784 \fBwcsspn\fR
785 \fBwcssstr\fR \fBwcestod\fR
786 \fBwcestof\fR \fBwcestoimax\fR
787 \fBwcestok\fR \fBwcestol\fR
788 \fBwcestold\fR \fBwcestoll\fR
789 \fBwcestombs\fR \fBwcestombs_l\fR
790 \fBwcestoul\fR
791 \fBwcestoull\fR \fBwcestoumax\fR
792 \fBwcswcs\fR
793 \fBwcswidth\fR \fBwcswidth_l\fR
794 \fBwcsxfrm\fR \fBwcsxfrm_l\fR
795 \fBwctob\fR \fBwctob_l\fR
796 \fBwctomb\fR \fBwctomb_l\fR
797 \fBwctrans\fR \fBwctrans_l\fR
798 \fBwctype\fR \fBwctype_l\fR
799 \fBwctwidth\fR \fBwctwidth_l\fR
800 \fBwmemchr\fR \fBwmemcmp\fR
801 \fBwmemcpy\fR \fBwmemmove\fR
802 \fBwmemset\fR \fBwordexp\fR
803 \fBwordfree\fR \fBwprintf\fR
804 \fBwraect\fR \fBwrite\fR
805 \fBwritev\fR \fBwscanf\fR
806 \fBwscasecmp\fR \fBwscat\fR
807 \fBwschr\fR \fBwscmp\fR
808 \fBwscol\fR \fBwscoil\fR
809 \fBwsncpy\fR \fBwsncpy\fR
810 \fBwsdup\fR \fBwslen\fR
811 \fBwsncasecmp\fR \fBwsncat\fR
812 \fBwsncmp\fR \fBwsncpy\fR
813 \fBwspbrk\fR \fBwsprintf\fR
814 \fBwsrchr\fR \fBwsscanf\fR
815 \fBwsspfn\fR \fBwstod\fR
816 \fBwstok\fR \fBwstol\fR
817 \fBwstoll\fR \fBwstolstr\fR
818 \fBwsxfrm\fR \fByield\fR
819 .TE

821 .sp
822 .LP
823 The following interfaces are unique to the 32-bit version of this library:
824 .sp

826 .sp
827 .TS
828 l l
829 l l .
830 \fB__div64\fR \fB__mul64\fR
831 \fB__posix_readdir_r\fR \fB__rem64\fR
832 \fB__udiv64\fR \fB__urem64\fR
833 \fB__bufendtab\fR \fB__lastbuf\fR
834 \fB__s_fcntl\fR \fB__sys_nsig\fR
835 \fB__xftw64\fR \fB__baio_cancel64\fR
836 \fB__baio_error64\fR \fB__baio_fsync64\fR
837 \fB__baio_read64\fR \fB__baio_return64\fR
838 \fB__baio_suspend64\fR \fB__baio_waitn64\fR
839 \fB__baio_write64\fR \fB__creat64\fR
840 \fB__bfgetpos64\fR \fB__bopen64\fR
841 \fB__bfreopen64\fR \fB__bseeko64\fR
842 \fB__bfsetpos64\fR \fB__bstat64\fR
843 \fB__bfstatvfs64\fR \fB__bftello64\fR
844 \fB__bftruncate64\fR \fB__bftw64\fR
845 \fB__bgetdents64\fR \fB__bgetrlimit64\fR
846 \fB__blio_listio64\fR \fB__blockf64\fR
847 \fB__blseek64\fR \fB__blstat64\fR

```

```

848 \fBmkstemp64\fR \fBmmap64\fR
849 \fBnftw64\fR \fBopen64\fR
850 \fBpread64\fR \fBptrace\fR
851 \fBpwrite64\fR \fBreaddir64\fR
852 \fBreaddir64_r\fR \fB__fcntl\fR
853 \fB__ioctl\fR \fB__select_large_fdset\fR
854 \fB__setrlimit64\fR \fB__stat64\fR
855 \fB__statvfs64\fR \fB__sys_errlist\fR
856 \fB__sys_nerr\fR \fB__tell64\fR
857 \fB__tmpfile64\fR \fB__truncate64\fR
858 .TE

860 .sp
861 .LP
862 The following interfaces are unique to the 32-bit SPARC version of this
863 library:
864 .sp

866 .sp
867 .TS
868 l l
869 l l .
870 \fB__div\fR \fB__mul\fR
871 \fB__rem\fR \fB__stret1\fR
872 \fB__stret2\fR \fB__stret4\fR
873 \fB__stret8\fR \fB__udiv\fR
874 \fB__umul\fR \fB__urem\fR
875 \fB__Q_add\fR \fB__Q_cmp\fR
876 \fB__Q_cmpe\fR \fB__Q_div\fR
877 \fB__Q_dtoq\fR \fB__Q_feq\fR
878 \fB__Q_fge\fR \fB__Q_fgt\fR
879 \fB__Q_fle\fR \fB__Q_flt\fR
880 \fB__Q_fne\fR \fB__Q_itog\fR
881 \fB__Q_lltoq\fR \fB__Q_mul\fR
882 \fB__Q_neg\fR \fB__Q_qtod\fR
883 \fB__Q_qtoi\fR \fB__Q_qtoll\fR
884 \fB__Q_qtos\fR \fB__Q_qtoufR
885 \fB__Q_qtoull\fR \fB__Q_sqrt\fR
886 \fB__Q_stog\fR \fB__Q_sub\fR
887 \fB__Q_ulltoq\fR \fB__Q_utoq\fR
888 \fB__dtoll\fR \fB__dtoufR
889 \fB__dtoull\fR \fB__ftoll\fR
890 \fB__ftoufR \fB__ftoull\fR
891 \fB__umul64\fR
892 .TE

894 .sp
895 .LP
896 The following interfaces are unique to the 32-bit x86 version of this library:
897 .sp

899 .sp
900 .TS
901 l l
902 l l .
903 \fB__fpstart\fR \fB__fp_hw\fR
904 \fB__fpstart\fR \fB__fxstat\fR
905 \fB__lxstat\fR \fB__nuname\fR
906 \fB__thr_errno_addr\fR \fB__xmknod\fR
907 \fB__xstat\fR \fB__bnuname\fR
908 .TE

910 .sp
911 .LP
912 The following interfaces are unique to the 64-bit SPARC version of this
913 library:

```

```

914 .sp
916 .sp
917 .TS
918 l l
919 l l .
920 \fB_Qp_add\fR      \fB_Qp_cmp\fR
921 \fB_Qp_cmpe\fR     \fB_Qp_div\fR
922 \fB_Qp_dtoq\fR     \fB_Qp_feq\fR
923 \fB_Qp_fge\fR      \fB_Qp_fgt\fR
924 \fB_Qp_fle\fR      \fB_Qpflt\fR
925 \fB_Qp_fne\fR      \fB_Qp_itoq\fR
926 \fB_Qp_mul\fR       \fB_Qp_neg\fR
927 \fB_Qp_qtod\fR     \fB_Qp_qtoi\fR
928 \fB_Qp_qtos\fR     \fB_Qp_qtoui\fR
929 \fB_Qp_qtoux\fR    \fB_Qp_qtox\fR
930 \fB_Qp_sqrt\fR      \fB_Qp_stoq\fR
931 \fB_Qp_sub\fR       \fB_Qp_uitoq\fR
932 \fB_Qp_uxtoq\fR    \fB_Qp_xtoq\fR
933 \fB__align_cpy_1\fR \fB__align_cpy_16\fR
934 \fB__align_cpy_2\fR \fB__align_cpy_4\fR
935 \fB__align_cpy_8\fR \fB__dtoul\fR
936 \fB__ftoul\fR      \fB__sparc_utrap_install\fR
937 .TE

939 .SH FILES
940 .sp
941 .ne 2
942 .na
943 \fB\FB/lib/libc.so.1\fR\fR
944 .ad
945 .RS 27n
946 shared object
947 .RE

949 .sp
950 .ne 2
951 .na
952 \fB\FB/lib/64/libc.so.1\fR\fR
953 .ad
954 .RS 27n
955 64-bit shared object
956 .RE

958 .sp
959 .ne 2
960 .na
961 \fB\FB/lib/c_synonyms.so.1\fR\fR
962 .ad
963 .RS 27n
964 A compatibility library to provide access to obsolete \fB\FB\fR synonym
965 symbols
966 .RE

968 .sp
969 .ne 2
970 .na
971 \fB\FB/lib/64/c_synonyms.so.1\fR\fR
972 .ad
973 .RS 27n
974 A 64-bit compatibility library to provide access to obsolete \fB\FB\fR synonym
975 symbols
976 .RE

978 .SH ATTRIBUTES
979 .sp

```

```

980 .LP
981 See \fBAttributes\fR(5) for descriptions of the following attributes:
982 .sp

984 .sp
985 .TS
986 box;
987 c | c
988 l | l .
989 ATTRIBUTE TYPE    ATTRIBUTE VALUE
990 MT-Level          Safe
991 .TE

993 .SH SEE ALSO
994 .sp
995 .LP
996 \fB\FBpvs\fR(1), \fB\FBIntro\fR(2), \fB\FBIntro\fR(3), \fBAttributes\fR(5),
997 \fBBlf64\fR(5), \fBStandards\fR(5)
998 .SH NOTES
999 .sp
1000 .LP
1001 The synonyms compatibility library, \fB\FB_synonyms.so.1\fR, provides a mechanism
1002 to support old applications and libraries that were mistakenly built using
1003 now-obsolete synonym symbols from \fB\FBlibc\fR.
1004 .sp
1005 .LP
1006 Before the advent of direct binding (-B direct) \fB\FBlibc\fR provided many
1007 functions with two names. For example, \fB\FBgetpwent()\fR and \fB\FB_getpwent()\fR.
1008 These two names referred to exactly the same function in \fB\FBlibc\fR. The
1009 leading-underscore symbol was intended to be used by system libraries in order
1010 to avoid conflicting with an application that might define its own version of
1011 \fB\FBgetpwent()\fR with completely different semantics. Standard-conforming
1012 applications may not define and use function names with leading underscores.
1013 .sp
1014 .LP
1015 Solaris system libraries are now built with direct binding. This means that a
1016 system library that calls \fB\FBgetpwent()\fR will bind directly to the instance
1017 of \fB\FBgetpwent()\fR in \fB\FBlibc\fR, even if the application to which it is
1018 linked defines a different \fB\FBgetpwent()\fR for its own use. The application
1019 binds to its instance of \fB\FBgetpwent()\fR and there is no resulting conflict.
1020 The direct binding mechanism is equally available to libraries not delivered
1021 with Solaris.
1022 .sp
1023 .LP
1024 As a result of this evolution, most of the leading-underscore synonym symbols
1025 have been removed from \fB\FBlibc\fR. This means that applications that call
1026 these now-obsolete function names will cease to work. They will typically draw
1027 the error:
1028 .sp
1029 .in +2
1030 .nf
1031 $ ./application
1032 ld.so.1: fatal: relocation error: symbol _getpwent:
1033 referenced symbol not found
1034 Killed
1035 .fi
1036 .in -2
1037 .sp

1039 .sp
1040 .LP
1041 All of the old leading-underscore symbols have been copied to the synonyms
1042 compatibility library. This library simply redirects the calls to the
1043 non-underscore instances of the corresponding functions in \fB\FBlibc\fR. Use it
1044 as a pre-loaded object:
1045 .sp

```

```
1046 .in +2
1047 .nf
1048 $ LD_PRELOAD=c_synonyms.so.1 ./application
1049 .fi
1050 .in -2
1051 .sp
```

```
1053 .sp
1054 .LP
1055 The synonyms compatibility library is intended neither to enable the generation
1056 of applications that call the obsolete leading-underscore synonym functions,
1057 nor to endorse this particular programming practice.
```

new/usr/src/pkg/manifests/system-library.man3c.inc

1

73694 Mon Jul 14 17:47:59 2014

new/usr/src/pkg/manifests/system-library.man3c.inc

4964 nl_langinfo(CRNCYSTR) returns wrong alignment character

4999 libc test suite enhancements

4939 desire wcsnrtombs() function

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Approved by: TBD

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17 #

19 file path=usr/share/man/man3c/_fbufsize.3c
20 file path=usr/share/man/man3c/_longjmp.3c
21 file path=usr/share/man/man3c/_stack_grow.3c
22 file path=usr/share/man/man3c/a64l.3c
23 file path=usr/share/man/man3c/abort.3c
24 file path=usr/share/man/man3c/abs.3c
25 file path=usr/share/man/man3c/addsev.3c
26 file path=usr/share/man/man3c/addseverity.3c
27 file path=usr/share/man/man3c/aio_cancel.3c
28 file path=usr/share/man/man3c/aio_error.3c
29 file path=usr/share/man/man3c/aio_fsync.3c
30 file path=usr/share/man/man3c/aio_read.3c
31 file path=usr/share/man/man3c/aio_return.3c
32 file path=usr/share/man/man3c/aio_suspend.3c
33 file path=usr/share/man/man3c/aio_waitn.3c
34 file path=usr/share/man/man3c/aio_write.3c
35 file path=usr/share/man/man3c/aiocancel.3c
36 file path=usr/share/man/man3c/aioread.3c
37 file path=usr/share/man/man3c/aiowait.3c
38 file path=usr/share/man/man3c/assert.3c
39 file path=usr/share/man/man3c/atexit.3c
40 file path=usr/share/man/man3c/atomic_add.3c
41 file path=usr/share/man/man3c/atomic_and.3c
42 file path=usr/share/man/man3c/atomic_bits.3c
43 file path=usr/share/man/man3c/atomic_cas.3c
44 file path=usr/share/man/man3c/atomic_dec.3c
45 file path=usr/share/man/man3c/atomic_inc.3c
46 file path=usr/share/man/man3c/atomic_ops.3c
47 file path=usr/share/man/man3c/atomic_or.3c
48 file path=usr/share/man/man3c/atomic_swap.3c
49 file path=usr/share/man/man3c/attropen.3c
50 file path=usr/share/man/man3c/basename.3c
51 file path=usr/share/man/man3c/bsd_signal.3c
52 file path=usr/share/man/man3c/bsearch.3c
53 file path=usr/share/man/man3c/bstring.3c
54 file path=usr/share/man/man3c/btowc.3c
55 file path=usr/share/man/man3c/catgets.3c

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2

56 file path=usr/share/man/man3c/catopen.3c
57 file path=usr/share/man/man3c/cfgetispeed.3c
58 file path=usr/share/man/man3c/cfsetispeed.3c
59 file path=usr/share/man/man3c/clock.3c
60 file path=usr/share/man/man3c/clock_nanosleep.3c
61 file path=usr/share/man/man3c/clock_settime.3c
62 file path=usr/share/man/man3c/closedir.3c
63 file path=usr/share/man/man3c/closefrom.3c
64 file path=usr/share/man/man3c/cond_init.3c
65 file path=usr/share/man/man3c/confstr.3c
66 file path=usr/share/man/man3c/crypt.3c
67 file path=usr/share/man/man3c/crypt_genhash_impl.3c
68 file path=usr/share/man/man3c/crypt_gensalt.3c
69 file path=usr/share/man/man3c/crypt_gensalt_impl.3c
70 file path=usr/share/man/man3c/cset.3c
71 file path=usr/share/man/man3c/ctermid.3c
72 file path=usr/share/man/man3c/ctime.3c
73 file path=usr/share/man/man3c/ctype.3c
74 file path=usr/share/man/man3c/cuserid.3c
75 file path=usr/share/man/man3c/daemon.3c
76 file path=usr/share/man/man3c/decimal_to_floating.3c
77 file path=usr/share/man/man3c/difftime.3c
78 file path=usr/share/man/man3c/directio.3c
79 file path=usr/share/man/man3c/dirfd.3c
80 file path=usr/share/man/man3c/dirname.3c
81 file path=usr/share/man/man3c/div.3c
82 file path=usr/share/man/man3c/dladdr.3c
83 file path=usr/share/man/man3c/dlclose.3c
84 file path=usr/share/man/man3c/dldump.3c
85 file path=usr/share/man/man3c/dlerror.3c
86 file path=usr/share/man/man3c/dlinfo.3c
87 file path=usr/share/man/man3c/dlopen.3c
88 file path=usr/share/man/man3c/dlsym.3c
89 file path=usr/share/man/man3c/door_bind.3c
90 file path=usr/share/man/man3c/door_call.3c
91 file path=usr/share/man/man3c/door_create.3c
92 file path=usr/share/man/man3c/door_cred.3c
93 file path=usr/share/man/man3c/door_getparam.3c
94 file path=usr/share/man/man3c/door_info.3c
95 file path=usr/share/man/man3c/door_return.3c
96 file path=usr/share/man/man3c/door_revoke.3c
97 file path=usr/share/man/man3c/door_server_create.3c
98 file path=usr/share/man/man3c/door_ucred.3c
99 file path=usr/share/man/man3c/drand48.3c
100 file path=usr/share/man/man3c/dup2.3c
101 file path=usr/share/man/man3c/econvert.3c
102 file path=usr/share/man/man3c/ecvt.3c
103 file path=usr/share/man/man3c/enable_extended_FILE_stdio.3c
104 file path=usr/share/man/man3c/encrypt.3c
105 file path=usr/share/man/man3c/end.3c
106 file path=usr/share/man/man3c/err.3c
107 file path=usr/share/man/man3c/euclen.3c
108 file path=usr/share/man/man3c/exit.3c
109 file path=usr/share/man/man3c/fattach.3c
110 file path=usr/share/man/man3c/fclose.3c
111 file path=usr/share/man/man3c/fdatasync.3c
112 file path=usr/share/man/man3c/fdetach.3c
113 file path=usr/share/man/man3c/fdopen.3c
114 file path=usr/share/man/man3c/ferror.3c
115 file path=usr/share/man/man3c/fflush.3c
116 file path=usr/share/man/man3c/ffs.3c
117 file path=usr/share/man/man3c/fgetattr.3c
118 file path=usr/share/man/man3c/fgetc.3c
119 file path=usr/share/man/man3c/fgetpos.3c
120 file path=usr/share/man/man3c/fgetwc.3c
121 file path=usr/share/man/man3c/floating_to_decimal.3c

new/usr/src/pkg/manifests/system-library.man3c.inc

3

122 file path=usr/share/man/man3c/flockfile.3c
123 file path=usr/share/man/man3c/fmtmsg.3c
124 file path=usr/share/man/man3c/fnmatch.3c
125 file path=usr/share/man/man3c/fopen.3c
126 file path=usr/share/man/man3c/fpgetround.3c
127 file path=usr/share/man/man3c/fputc.3c
128 file path=usr/share/man/man3c/fputwc.3c
129 file path=usr/share/man/man3c/fputws.3c
130 file path=usr/share/man/man3c/fread.3c
131 file path=usr/share/man/man3c/freopen.3c
132 file path=usr/share/man/man3c/fseek.3c
133 file path=usr/share/man/man3c/fsetpos.3c
134 file path=usr/share/man/man3c/fsync.3c
135 file path=usr/share/man/man3c/ftell.3c
136 file path=usr/share/man/man3c/ftime.3c
137 file path=usr/share/man/man3c/ftok.3c
138 file path=usr/share/man/man3c/ftw.3c
139 file path=usr/share/man/man3c/fwide.3c
140 file path=usr/share/man/man3c/fwprintf.3c
141 file path=usr/share/man/man3c/fwrite.3c
142 file path=usr/share/man/man3c/fwscanf.3c
143 file path=usr/share/man/man3c/getcuid.3c
144 file path=usr/share/man/man3c/getcwd.3c
145 file path=usr/share/man/man3c/getdate.3c
146 file path=usr/share/man/man3c/getdtablesize.3c
147 file path=usr/share/man/man3c/getenv.3c
148 file path=usr/share/man/man3c/getexecname.3c
149 file path=usr/share/man/man3c/getgrnam.3c
150 file path=usr/share/man/man3c/gethostid.3c
151 file path=usr/share/man/man3c/gethostname.3c
152 file path=usr/share/man/man3c/gethrtime.3c
153 file path=usr/share/man/man3c/getline.3c
154 file path=usr/share/man/man3c/getloadavg.3c
155 file path=usr/share/man/man3c/getlogin.3c
156 file path=usr/share/man/man3c/getmntent.3c
157 file path=usr/share/man/man3c/getnetgrent.3c
158 file path=usr/share/man/man3c/getopt.3c
159 file path=usr/share/man/man3c/getpagesize.3c
160 file path=usr/share/man/man3c/getpagesizes.3c
161 file path=usr/share/man/man3c/getpass.3c
162 file path=usr/share/man/man3c/getpeerucred.3c
163 file path=usr/share/man/man3c/getpriority.3c
164 file path=usr/share/man/man3c/getpw.3c
165 file path=usr/share/man/man3c/getpwnam.3c
166 file path=usr/share/man/man3c/getrusage.3c
167 file path=usr/share/man/man3c/gets.3c
168 file path=usr/share/man/man3c/getspnam.3c
169 file path=usr/share/man/man3c/getsubopt.3c
170 file path=usr/share/man/man3c/gettext.3c
171 file path=usr/share/man/man3c/gettimeofday.3c
172 file path=usr/share/man/man3c/gettxt.3c
173 file path=usr/share/man/man3c/getusershell.3c
174 file path=usr/share/man/man3c/getutent.3c
175 file path=usr/share/man/man3c/getutxent.3c
176 file path=usr/share/man/man3c/getvfsent.3c
177 file path=usr/share/man/man3c/getwc.3c
178 file path=usr/share/man/man3c/getwchar.3c
179 file path=usr/share/man/man3c/getwd.3c
180 file path=usr/share/man/man3c/getwidth.3c
181 file path=usr/share/man/man3c/getws.3c
182 file path=usr/share/man/man3c/getzoneid.3c
183 file path=usr/share/man/man3c/glob.3c
184 file path=usr/share/man/man3c/grantpt.3c
185 file path=usr/share/man/man3c/hsearch.3c
186 file path=usr/share/man/man3c/iconv.3c
187 file path=usr/share/man/man3c/iconv_close.3c

new/usr/src/pkg/manifests/system-library.man3c.inc

4

188 file path=usr/share/man/man3c/iconv_open.3c
189 file path=usr/share/man/man3c/imaxabs.3c
190 file path=usr/share/man/man3c/imaxdiv.3c
191 file path=usr/share/man/man3c/index.3c
192 file path=usr/share/man/man3c/initgroups.3c
193 file path=usr/share/man/man3c/insque.3c
194 file path=usr/share/man/man3c/is_system_labeled.3c
195 file path=usr/share/man/man3c/isaexec.3c
196 file path=usr/share/man/man3c/isastream.3c
197 file path=usr/share/man/man3c/isatty.3c
198 file path=usr/share/man/man3c/isnand.3c
199 file path=usr/share/man/man3c/iswalph.3c
200 file path=usr/share/man/man3c/iswctype.3c
201 file path=usr/share/man/man3c/killpg.3c
202 file path=usr/share/man/man3c/lckpddf.3c
203 file path=usr/share/man/man3c/lfmt.3c
204 file path=usr/share/man/man3c/lio_listio.3c
205 file path=usr/share/man/man3c/localeconv.3c
206 file path=usr/share/man/man3c/lockf.3c
207 file path=usr/share/man/man3c/lsearch.3c
208 file path=usr/share/man/man3c/madvise.3c
209 file path=usr/share/man/man3c/makecontext.3c
210 file path=usr/share/man/man3c/makedev.3c
211 file path=usr/share/man/man3c/malloc.3c
212 file path=usr/share/man/man3c/mblen.3c
213 file path=usr/share/man/man3c/mbrlen.3c
214 file path=usr/share/man/man3c/mbrtowc.3c
215 file path=usr/share/man/man3c/mbsinit.3c
216 file path=usr/share/man/man3c/mbsrtowcs.3c
217 file path=usr/share/man/man3c/mbtowc.3c
218 file path=usr/share/man/man3c/membar_ops.3c
219 file path=usr/share/man/man3c/memory.3c
220 file path=usr/share/man/man3c/mkfifo.3c
221 file path=usr/share/man/man3c/mkstemp.3c
222 file path=usr/share/man/man3c/mktemp.3c
223 file path=usr/share/man/man3c/mktime.3c
224 file path=usr/share/man/man3c/mlock.3c
225 file path=usr/share/man/man3c/mlockall.3c
226 file path=usr/share/man/man3c/monitor.3c
227 file path=usr/share/man/man3c/mq_close.3c
228 file path=usr/share/man/man3c/mq_getattr.3c
229 file path=usr/share/man/man3c/mq_notify.3c
230 file path=usr/share/man/man3c/mq_open.3c
231 file path=usr/share/man/man3c/mq_receive.3c
232 file path=usr/share/man/man3c/mq_send.3c
233 file path=usr/share/man/man3c/mq_setattr.3c
234 file path=usr/share/man/man3c/mq_unlink.3c
235 file path=usr/share/man/man3c/msync.3c
236 file path=usr/share/man/man3c/mutex_init.3c
237 file path=usr/share/man/man3c/nanosleep.3c
238 file path=usr/share/man/man3c/ndbm.3c
239 file path=usr/share/man/man3c/newlocale.3c
240 file path=usr/share/man/man3c/nl_langinfo.3c
241 file path=usr/share/man/man3c/offsetof.3c
242 file path=usr/share/man/man3c/opendir.3c
243 file path=usr/share/man/man3c/perror.3c
244 file path=usr/share/man/man3c/pfmt.3c
245 file path=usr/share/man/man3c/plock.3c
246 file path=usr/share/man/man3c/popen.3c
247 file path=usr/share/man/man3c/port_alert.3c
248 file path=usr/share/man/man3c/port_associate.3c
249 file path=usr/share/man/man3c/port_create.3c
250 file path=usr/share/man/man3c/port_get.3c
251 file path=usr/share/man/man3c/port_send.3c
252 file path=usr/share/man/man3c/posix_fadvise.3c
253 file path=usr/share/man/man3c/posix_fallocate.3c

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254 file path=usr/share/man/man3c/posix_madvise.3c
255 file path=usr/share/man/man3c/posix_memalign.3c
256 file path=usr/share/man/man3c/posix_openpt.3c
257 file path=usr/share/man/man3c/posix_spawn.3c
258 file path=usr/share/man/man3c/posix_spawn_file_actions_addclose.3c
259 file path=usr/share/man/man3c/posix_spawn_file_actions_addclosefrom_np.3c
260 file path=usr/share/man/man3c/posix_spawn_file_actions_adddup2.3c
261 file path=usr/share/man/man3c/posix_spawn_file_actions_destroy.3c
262 file path=usr/share/man/man3c/posix_spawn_pipe_np.3c
263 file path=usr/share/man/man3c/posix_spawnattr_destroy.3c
264 file path=usr/share/man/man3c/posix_spawnattr_getflags.3c
265 file path=usr/share/man/man3c/posix_spawnattr_getpgroup.3c
266 file path=usr/share/man/man3c/posix_spawnattr_getschedparam.3c
267 file path=usr/share/man/man3c/posix_spawnattr_getschedpolicy.3c
268 file path=usr/share/man/man3c/posix_spawnattr_getsigdefault.3c
269 file path=usr/share/man/man3c/posix_spawnattr_getsigignore_np.3c
270 file path=usr/share/man/man3c/posix_spawnattr_getsigmask.3c
271 file path=usr/share/man/man3c/printf.3c
272 file path=usr/share/man/man3c/priv_addset.3c
273 file path=usr/share/man/man3c/priv_set.3c
274 file path=usr/share/man/man3c/priv_str_to_set.3c
275 file path=usr/share/man/man3c/pset_getloadavg.3c
276 file path=usr/share/man/man3c/psignal.3c
277 file path=usr/share/man/man3c/pthread_atfork.3c
278 file path=usr/share/man/man3c/pthread_attr_getdetachstate.3c
279 file path=usr/share/man/man3c/pthread_attr_getguardsize.3c
280 file path=usr/share/man/man3c/pthread_attr_getinheritsched.3c
281 file path=usr/share/man/man3c/pthread_attr_getschedparam.3c
282 file path=usr/share/man/man3c/pthread_attr_getschedpolicy.3c
283 file path=usr/share/man/man3c/pthread_attr_getscope.3c
284 file path=usr/share/man/man3c/pthread_attr_getstack.3c
285 file path=usr/share/man/man3c/pthread_attr_getstackaddr.3c
286 file path=usr/share/man/man3c/pthread_attr_getstacksize.3c
287 file path=usr/share/man/man3c/pthread_attr_init.3c
288 file path=usr/share/man/man3c/pthread_barrier_destroy.3c
289 file path=usr/share/man/man3c/pthread_barrier_wait.3c
290 file path=usr/share/man/man3c/pthread_barrierattr_destroy.3c
291 file path=usr/share/man/man3c/pthread_barrierattr_getpshared.3c
292 file path=usr/share/man/man3c/pthread_cancel.3c
293 file path=usr/share/man/man3c/pthread_cleanup_pop.3c
294 file path=usr/share/man/man3c/pthread_cleanup_push.3c
295 file path=usr/share/man/man3c/pthread_cond_init.3c
296 file path=usr/share/man/man3c/pthread_cond_signal.3c
297 file path=usr/share/man/man3c/pthread_cond_wait.3c
298 file path=usr/share/man/man3c/pthread_condattr_getclock.3c
299 file path=usr/share/man/man3c/pthread_condattr_getpshared.3c
300 file path=usr/share/man/man3c/pthread_condattr_init.3c
301 file path=usr/share/man/man3c/pthread_create.3c
302 file path=usr/share/man/man3c/pthread_detach.3c
303 file path=usr/share/man/man3c/pthread_equal.3c
304 file path=usr/share/man/man3c/pthread_exit.3c
305 file path=usr/share/man/man3c/pthread_getconcurrency.3c
306 file path=usr/share/man/man3c/pthread_getschedparam.3c
307 file path=usr/share/man/man3c/pthread_getspecific.3c
308 file path=usr/share/man/man3c/pthread_join.3c
309 file path=usr/share/man/man3c/pthread_key_create.3c
310 file path=usr/share/man/man3c/pthread_key_delete.3c
311 file path=usr/share/man/man3c/pthread_kill.3c
312 file path=usr/share/man/man3c/pthread_mutex_getprioceiling.3c
313 file path=usr/share/man/man3c/pthread_mutex_init.3c
314 file path=usr/share/man/man3c/pthread_mutex_lock.3c
315 file path=usr/share/man/man3c/pthread_mutex_timedlock.3c
316 file path=usr/share/man/man3c/pthread_mutexattr_getprioceiling.3c
317 file path=usr/share/man/man3c/pthread_mutexattr_getprotocol.3c
318 file path=usr/share/man/man3c/pthread_mutexattr_getpshared.3c
319 file path=usr/share/man/man3c/pthread_mutexattr_gettype.3c

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320 file path=usr/share/man/man3c/pthread_mutexattr_init.3c
321 file path=usr/share/man/man3c/pthread_once.3c
322 file path=usr/share/man/man3c/pthread_rwlock_init.3c
323 file path=usr/share/man/man3c/pthread_rwlock_rdlock.3c
324 file path=usr/share/man/man3c/pthread_rwlock_timedrdlock.3c
325 file path=usr/share/man/man3c/pthread_rwlock_timedwrlock.3c
326 file path=usr/share/man/man3c/pthread_rwlock_unlock.3c
327 file path=usr/share/man/man3c/pthread_rwlock_wrlock.3c
328 file path=usr/share/man/man3c/pthread_rwlockattr_getpshared.3c
329 file path=usr/share/man/man3c/pthread_rwlockattr_init.3c
330 file path=usr/share/man/man3c/pthread_self.3c
331 file path=usr/share/man/man3c/pthread_setcancelstate.3c
332 file path=usr/share/man/man3c/pthread_setcanceltype.3c
333 file path=usr/share/man/man3c/pthread_setschedprio.3c
334 file path=usr/share/man/man3c/pthread_sigmask.3c
335 file path=usr/share/man/man3c/pthread_spin_destroy.3c
336 file path=usr/share/man/man3c/pthread_spin_lock.3c
337 file path=usr/share/man/man3c/pthread_spin_unlock.3c
338 file path=usr/share/man/man3c/pthread_testcancel.3c
339 file path=usr/share/man/man3c/ptrace.3c
340 file path=usr/share/man/man3c/ptsname.3c
341 file path=usr/share/man/man3c/putenv.3c
342 file path=usr/share/man/man3c/putpwent.3c
343 file path=usr/share/man/man3c/puts.3c
344 file path=usr/share/man/man3c/putspent.3c
345 file path=usr/share/man/man3c/putws.3c
346 file path=usr/share/man/man3c/qsrt.3c
347 file path=usr/share/man/man3c/raise.3c
348 file path=usr/share/man/man3c/rand.3c
349 file path=usr/share/man/man3c/random.3c
350 file path=usr/share/man/man3c/rctl_walk.3c
351 file path=usr/share/man/man3c/rctlblk_set_value.3c
352 file path=usr/share/man/man3c/re_comp.3c
353 file path=usr/share/man/man3c/readdir.3c
354 file path=usr/share/man/man3c/realpath.3c
355 file path=usr/share/man/man3c/reboot.3c
356 file path=usr/share/man/man3c/regcmp.3c
357 file path=usr/share/man/man3c/regcomp.3c
358 file path=usr/share/man/man3c/remove.3c
359 file path=usr/share/man/man3c/rewind.3c
360 file path=usr/share/man/man3c/rewinddir.3c
361 file path=usr/share/man/man3c/rwlock.3c
362 file path=usr/share/man/man3c/scandir.3c
363 file path=usr/share/man/man3c/scanf.3c
364 file path=usr/share/man/man3c/sched_get_priority_max.3c
365 file path=usr/share/man/man3c/sched_getparam.3c
366 file path=usr/share/man/man3c/sched_getscheduler.3c
367 file path=usr/share/man/man3c/sched_rr_get_interval.3c
368 file path=usr/share/man/man3c/sched_setparam.3c
369 file path=usr/share/man/man3c/sched_setscheduler.3c
370 file path=usr/share/man/man3c/sched_yield.3c
371 file path=usr/share/man/man3c/schedctl_init.3c
372 file path=usr/share/man/man3c/seekdir.3c
373 file path=usr/share/man/man3c/select.3c
374 file path=usr/share/man/man3c/sem_close.3c
375 file path=usr/share/man/man3c/sem_destroy.3c
376 file path=usr/share/man/man3c/sem_getvalue.3c
377 file path=usr/share/man/man3c/sem_init.3c
378 file path=usr/share/man/man3c/sem_open.3c
379 file path=usr/share/man/man3c/sem_post.3c
380 file path=usr/share/man/man3c/sem_timedwait.3c
381 file path=usr/share/man/man3c/sem_unlink.3c
382 file path=usr/share/man/man3c/sem_wait.3c
383 file path=usr/share/man/man3c/semaphore.3c
384 file path=usr/share/man/man3c/setbuf.3c
385 file path=usr/share/man/man3c/setbuffer.3c

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386 file path=usr/share/man/man3c/setcat.3c
387 file path=usr/share/man/man3c/setenv.3c
388 file path=usr/share/man/man3c/setjmp.3c
389 file path=usr/share/man/man3c/setkey.3c
390 file path=usr/share/man/man3c/setlabel.3c
391 file path=usr/share/man/man3c/setlocale.3c
392 file path=usr/share/man/man3c/shm_open.3c
393 file path=usr/share/man/man3c/shm_unlink.3c
394 file path=usr/share/man/man3c/sigfpe.3c
395 file path=usr/share/man/man3c/siginterrupt.3c
396 file path=usr/share/man/man3c/signal.3c
397 file path=usr/share/man/man3c/sigqueue.3c
398 file path=usr/share/man/man3c/sigsetops.3c
399 file path=usr/share/man/man3c/sigstack.3c
400 file path=usr/share/man/man3c/sigwaitinfo.3c
401 file path=usr/share/man/man3c/sleep.3c
402 file path=usr/share/man/man3c/ssignal.3c
403 file path=usr/share/man/man3c/stack_getbounds.3c
404 file path=usr/share/man/man3c/stack_inbounds.3c
405 file path=usr/share/man/man3c/stack_setbounds.3c
406 file path=usr/share/man/man3c/stack_violation.3c
407 file path=usr/share/man/man3c/stdio.3c
408 file path=usr/share/man/man3c/str2sig.3c
409 file path=usr/share/man/man3c/strcoll.3c
410 file path=usr/share/man/man3c/streerror.3c
411 file path=usr/share/man/man3c/strfmon.3c
412 file path=usr/share/man/man3c/strftime.3c
413 file path=usr/share/man/man3c/string.3c
414 file path=usr/share/man/man3c/string_to_decimal.3c
415 file path=usr/share/man/man3c/strptime.3c
416 file path=usr/share/man/man3c/strsignal.3c
417 file path=usr/share/man/man3c/strtod.3c
418 file path=usr/share/man/man3c/strtoimax.3c
419 file path=usr/share/man/man3c/strtoul.3c
420 file path=usr/share/man/man3c/strtol.3c
421 file path=usr/share/man/man3c/strtok.3c
422 file path=usr/share/man/man3c/strxfrm.3c
423 file path=usr/share/man/man3c/swab.3c
424 file path=usr/share/man/man3c/sync_instruction_memory.3c
425 file path=usr/share/man/man3c/sysconf.3c
426 file path=usr/share/man/man3c/syslog.3c
427 file path=usr/share/man/man3c/system.3c
428 file path=usr/share/man/man3c/tcdrain.3c
429 file path=usr/share/man/man3c/tcflow.3c
430 file path=usr/share/man/man3c/tcflush.3c
431 file path=usr/share/man/man3c/tcgetattr.3c
432 file path=usr/share/man/man3c/tcgetpgrp.3c
433 file path=usr/share/man/man3c/tcgetsid.3c
434 file path=usr/share/man/man3c/tcseendbreak.3c
435 file path=usr/share/man/man3c/tcsetattr.3c
436 file path=usr/share/man/man3c/tcsetpgrp.3c
437 file path=usr/share/man/man3c/tell.3c
438 file path=usr/share/man/man3c/telldir.3c
439 file path=usr/share/man/man3c/termios.3c
440 file path=usr/share/man/man3c/thr_create.3c
441 file path=usr/share/man/man3c/thr_exit.3c
442 file path=usr/share/man/man3c/thr_getconcurrency.3c
443 file path=usr/share/man/man3c/thr_getprio.3c
444 file path=usr/share/man/man3c/thr_join.3c
445 file path=usr/share/man/man3c/thr_keycreate.3c
446 file path=usr/share/man/man3c/thr_kill.3c
447 file path=usr/share/man/man3c/thr_main.3c
448 file path=usr/share/man/man3c/thr_min_stack.3c
449 file path=usr/share/man/man3c/thr_self.3c
450 file path=usr/share/man/man3c/thr_sigsetmask.3c
451 file path=usr/share/man/man3c/thr_stksegment.3c

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452 file path=usr/share/man/man3c/thr_suspend.3c
453 file path=usr/share/man/man3c/thr_yield.3c
454 file path=usr/share/man/man3c/timer_create.3c
455 file path=usr/share/man/man3c/timer_delete.3c
456 file path=usr/share/man/man3c/timer_settime.3c
457 file path=usr/share/man/man3c/timeradd.3c
458 file path=usr/share/man/man3c/tmpfile.3c
459 file path=usr/share/man/man3c/tmpnam.3c
460 file path=usr/share/man/man3c/toascii.3c
461 file path=usr/share/man/man3c/tolower.3c
462 file path=usr/share/man/man3c/toupper.3c
463 file path=usr/share/man/man3c/towlower.3c
464 file path=usr/share/man/man3c/toupper.3c
465 file path=usr/share/man/man3c/truncate.3c
466 file path=usr/share/man/man3c/tsearch.3c
467 file path=usr/share/man/man3c/ttyname.3c
468 file path=usr/share/man/man3c/ttyslot.3c
469 file path=usr/share/man/man3c/u8_strerror.3c
470 file path=usr/share/man/man3c/u8_textprep_str.3c
471 file path=usr/share/man/man3c/u8_validate.3c
472 file path=usr/share/man/man3c/ualarm.3c
473 file path=usr/share/man/man3c/uconv_ul6tou32.3c
474 file path=usr/share/man/man3c/ucrd_get.3c
475 file path=usr/share/man/man3c/ungetc.3c
476 file path=usr/share/man/man3c/ungetwc.3c
477 file path=usr/share/man/man3c/unlockpt.3c
478 file path=usr/share/man/man3c/unsetenv.3c
479 file path=usr/share/man/man3c/uselocale.3c
480 file path=usr/share/man/man3c/usleep.3c
481 file path=usr/share/man/man3c/vfwprintf.3c
482 file path=usr/share/man/man3c/vlfmt.3c
483 file path=usr/share/man/man3c/vpfmt.3c
484 file path=usr/share/man/man3c/vprintf.3c
485 file path=usr/share/man/man3c/vsyslog.3c
486 file path=usr/share/man/man3c/wait.3c
487 file path=usr/share/man/man3c/wait3.3c
488 file path=usr/share/man/man3c/waitpid.3c
489 file path=usr/share/man/man3c/walkcontext.3c
490 file path=usr/share/man/man3c/wcrtomb.3c
491 file path=usr/share/man/man3c/wcscoll.3c
492 file path=usr/share/man/man3c/wcsftime.3c
493 file path=usr/share/man/man3c/wcsrtoombs.3c
494 file path=usr/share/man/man3c/wcsstr.3c
495 file path=usr/share/man/man3c/wcstod.3c
496 file path=usr/share/man/man3c/wcstoimax.3c
497 file path=usr/share/man/man3c/wcstol.3c
498 file path=usr/share/man/man3c/wcstoul.3c
499 file path=usr/share/man/man3c/wcstring.3c
500 file path=usr/share/man/man3c/wcswidth.3c
501 file path=usr/share/man/man3c/wcsxfrm.3c
502 file path=usr/share/man/man3c/wctob.3c
503 file path=usr/share/man/man3c/wctomb.3c
504 file path=usr/share/man/man3c/wctrans.3c
505 file path=usr/share/man/man3c/wctype.3c
506 file path=usr/share/man/man3c/wcwidth.3c
507 file path=usr/share/man/man3c/wmemchr.3c
508 file path=usr/share/man/man3c/wmemcmp.3c
509 file path=usr/share/man/man3c/wmemcpy.3c
510 file path=usr/share/man/man3c/wmemmove.3c
511 file path=usr/share/man/man3c/wmemset.3c
512 file path=usr/share/man/man3c/wordexp.3c
513 file path=usr/share/man/man3c/wsprintf.3c
514 file path=usr/share/man/man3c/wsscanf.3c
515 file path=usr/share/man/man3c/wstring.3c
516 link path=usr/share/man/man3c/FD_CLR.3c target=select.3c
517 link path=usr/share/man/man3c/FD_ISSET.3c target=select.3c

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518 link path=usr/share/man/man3c/FD_SET.3c target=select.3c
519 link path=usr/share/man/man3c/FD_ZERO.3c target=select.3c
520 link path=usr/share/man/man3c/_flbf.3c target=_fbufsize.3c
521 link path=usr/share/man/man3c/_fpending.3c target=_fbufsize.3c
522 link path=usr/share/man/man3c/_fpurge.3c target=_fbufsize.3c
523 link path=usr/share/man/man3c/_freadable.3c target=_fbufsize.3c
524 link path=usr/share/man/man3c/_freading.3c target=_fbufsize.3c
525 link path=usr/share/man/man3c/_fsetlocking.3c target=_fbufsize.3c
526 link path=usr/share/man/man3c/_fwritable.3c target=_fbufsize.3c
527 link path=usr/share/man/man3c/_fwriting.3c target=_fbufsize.3c
528 link path=usr/share/man/man3c/_edata.3c target=end.3c
529 link path=usr/share/man/man3c/_end.3c target=end.3c
530 link path=usr/share/man/man3c/_etext.3c target=end.3c
531 link path=usr/share/man/man3c/_exithandle.3c target=exit.3c
532 link path=usr/share/man/man3c/_flushlbf.3c target=_fbufsize.3c
533 link path=usr/share/man/man3c/_setjmp.3c target=_longjmp.3c
534 link path=usr/share/man/man3c/addrtosymstr.3c target=walkcontext.3c
535 link path=usr/share/man/man3c/aiowrite.3c target=aioread.3c
536 link path=usr/share/man/man3c/alloca.3c target=malloc.3c
537 link path=usr/share/man/man3c/alphasort.3c target=scandir.3c
538 link path=usr/share/man/man3c/ascftime.3c target=strftime.3c
539 link path=usr/share/man/man3c/asctime.3c target=ctime.3c
540 link path=usr/share/man/man3c/asctime_r.3c target=ctime.3c
541 link path=usr/share/man/man3c/asprintf.3c target=printf.3c
542 link path=usr/share/man/man3c/atof.3c target=strtod.3c
543 link path=usr/share/man/man3c/atoi.3c target=strtol.3c
544 link path=usr/share/man/man3c/atol.3c target=strtol.3c
545 link path=usr/share/man/man3c/atoll.3c target=strtol.3c
546 link path=usr/share/man/man3c/atomic_add_16.3c target=atomic_add.3c
547 link path=usr/share/man/man3c/atomic_add_16_nv.3c target=atomic_add.3c
548 link path=usr/share/man/man3c/atomic_add_32.3c target=atomic_add.3c
549 link path=usr/share/man/man3c/atomic_add_32_nv.3c target=atomic_add.3c
550 link path=usr/share/man/man3c/atomic_add_64.3c target=atomic_add.3c
551 link path=usr/share/man/man3c/atomic_add_64_nv.3c target=atomic_add.3c
552 link path=usr/share/man/man3c/atomic_add_8.3c target=atomic_add.3c
553 link path=usr/share/man/man3c/atomic_add_8_nv.3c target=atomic_add.3c
554 link path=usr/share/man/man3c/atomic_add_char.3c target=atomic_add.3c
555 link path=usr/share/man/man3c/atomic_add_char_nv.3c target=atomic_add.3c
556 link path=usr/share/man/man3c/atomic_add_int.3c target=atomic_add.3c
557 link path=usr/share/man/man3c/atomic_add_int_nv.3c target=atomic_add.3c
558 link path=usr/share/man/man3c/atomic_add_long.3c target=atomic_add.3c
559 link path=usr/share/man/man3c/atomic_add_long_nv.3c target=atomic_add.3c
560 link path=usr/share/man/man3c/atomic_add_ptr.3c target=atomic_add.3c
561 link path=usr/share/man/man3c/atomic_add_ptr_nv.3c target=atomic_add.3c
562 link path=usr/share/man/man3c/atomic_add_short.3c target=atomic_add.3c
563 link path=usr/share/man/man3c/atomic_add_short_nv.3c target=atomic_add.3c
564 link path=usr/share/man/man3c/atomic_and_16.3c target=atomic_and.3c
565 link path=usr/share/man/man3c/atomic_and_16_nv.3c target=atomic_and.3c
566 link path=usr/share/man/man3c/atomic_and_32.3c target=atomic_and.3c
567 link path=usr/share/man/man3c/atomic_and_32_nv.3c target=atomic_and.3c
568 link path=usr/share/man/man3c/atomic_and_64.3c target=atomic_and.3c
569 link path=usr/share/man/man3c/atomic_and_64_nv.3c target=atomic_and.3c
570 link path=usr/share/man/man3c/atomic_and_8.3c target=atomic_and.3c
571 link path=usr/share/man/man3c/atomic_and_8_nv.3c target=atomic_and.3c
572 link path=usr/share/man/man3c/atomic_and_uchar.3c target=atomic_and.3c
573 link path=usr/share/man/man3c/atomic_and_uchar_nv.3c target=atomic_and.3c
574 link path=usr/share/man/man3c/atomic_and_uint.3c target=atomic_and.3c
575 link path=usr/share/man/man3c/atomic_and_uint_nv.3c target=atomic_and.3c
576 link path=usr/share/man/man3c/atomic_and_ulong.3c target=atomic_and.3c
577 link path=usr/share/man/man3c/atomic_and_ulong_nv.3c target=atomic_and.3c
578 link path=usr/share/man/man3c/atomic_and_ushort.3c target=atomic_and.3c
579 link path=usr/share/man/man3c/atomic_and_ushort_nv.3c target=atomic_and.3c
580 link path=usr/share/man/man3c/atomic_cas_16.3c target=atomic_cas.3c
581 link path=usr/share/man/man3c/atomic_cas_32.3c target=atomic_cas.3c
582 link path=usr/share/man/man3c/atomic_cas_64.3c target=atomic_cas.3c
583 link path=usr/share/man/man3c/atomic_cas_8.3c target=atomic_cas.3c

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584 link path=usr/share/man/man3c/atomic_cas_ptr.3c target=atomic_cas.3c
585 link path=usr/share/man/man3c/atomic_cas_uchar.3c target=atomic_cas.3c
586 link path=usr/share/man/man3c/atomic_cas_uint.3c target=atomic_cas.3c
587 link path=usr/share/man/man3c/atomic_cas_ulong.3c target=atomic_cas.3c
588 link path=usr/share/man/man3c/atomic_cas_ushort.3c target=atomic_cas.3c
589 link path=usr/share/man/man3c/atomic_clear_long_excl.3c target=atomic_bits.3c
590 link path=usr/share/man/man3c/atomic_dec_16.3c target=atomic_dec.3c
591 link path=usr/share/man/man3c/atomic_dec_16_nv.3c target=atomic_dec.3c
592 link path=usr/share/man/man3c/atomic_dec_32.3c target=atomic_dec.3c
593 link path=usr/share/man/man3c/atomic_dec_32_nv.3c target=atomic_dec.3c
594 link path=usr/share/man/man3c/atomic_dec_64.3c target=atomic_dec.3c
595 link path=usr/share/man/man3c/atomic_dec_64_nv.3c target=atomic_dec.3c
596 link path=usr/share/man/man3c/atomic_dec_8.3c target=atomic_dec.3c
597 link path=usr/share/man/man3c/atomic_dec_8_nv.3c target=atomic_dec.3c
598 link path=usr/share/man/man3c/atomic_dec_ptr.3c target=atomic_dec.3c
599 link path=usr/share/man/man3c/atomic_dec_ptr_nv.3c target=atomic_dec.3c
600 link path=usr/share/man/man3c/atomic_dec_uchar.3c target=atomic_dec.3c
601 link path=usr/share/man/man3c/atomic_dec_uchar_nv.3c target=atomic_dec.3c
602 link path=usr/share/man/man3c/atomic_dec_uint.3c target=atomic_dec.3c
603 link path=usr/share/man/man3c/atomic_dec_uint_nv.3c target=atomic_dec.3c
604 link path=usr/share/man/man3c/atomic_dec_ulong.3c target=atomic_dec.3c
605 link path=usr/share/man/man3c/atomic_dec_ulong_nv.3c target=atomic_dec.3c
606 link path=usr/share/man/man3c/atomic_dec_ushort.3c target=atomic_dec.3c
607 link path=usr/share/man/man3c/atomic_dec_ushort_nv.3c target=atomic_dec.3c
608 link path=usr/share/man/man3c/atomic_inc_16.3c target=atomic_inc.3c
609 link path=usr/share/man/man3c/atomic_inc_16_nv.3c target=atomic_inc.3c
610 link path=usr/share/man/man3c/atomic_inc_32.3c target=atomic_inc.3c
611 link path=usr/share/man/man3c/atomic_inc_32_nv.3c target=atomic_inc.3c
612 link path=usr/share/man/man3c/atomic_inc_64.3c target=atomic_inc.3c
613 link path=usr/share/man/man3c/atomic_inc_64_nv.3c target=atomic_inc.3c
614 link path=usr/share/man/man3c/atomic_inc_8.3c target=atomic_inc.3c
615 link path=usr/share/man/man3c/atomic_inc_8_nv.3c target=atomic_inc.3c
616 link path=usr/share/man/man3c/atomic_inc_ptr.3c target=atomic_inc.3c
617 link path=usr/share/man/man3c/atomic_inc_ptr_nv.3c target=atomic_inc.3c
618 link path=usr/share/man/man3c/atomic_inc_uchar.3c target=atomic_inc.3c
619 link path=usr/share/man/man3c/atomic_inc_uchar_nv.3c target=atomic_inc.3c
620 link path=usr/share/man/man3c/atomic_inc_uint.3c target=atomic_inc.3c
621 link path=usr/share/man/man3c/atomic_inc_uint_nv.3c target=atomic_inc.3c
622 link path=usr/share/man/man3c/atomic_inc_ulong.3c target=atomic_inc.3c
623 link path=usr/share/man/man3c/atomic_inc_ulong_nv.3c target=atomic_inc.3c
624 link path=usr/share/man/man3c/atomic_inc_ushort.3c target=atomic_inc.3c
625 link path=usr/share/man/man3c/atomic_inc_ushort_nv.3c target=atomic_inc.3c
626 link path=usr/share/man/man3c/atomic_or_16.3c target=atomic_or.3c
627 link path=usr/share/man/man3c/atomic_or_16_nv.3c target=atomic_or.3c
628 link path=usr/share/man/man3c/atomic_or_32.3c target=atomic_or.3c
629 link path=usr/share/man/man3c/atomic_or_32_nv.3c target=atomic_or.3c
630 link path=usr/share/man/man3c/atomic_or_64.3c target=atomic_or.3c
631 link path=usr/share/man/man3c/atomic_or_64_nv.3c target=atomic_or.3c
632 link path=usr/share/man/man3c/atomic_or_8.3c target=atomic_or.3c
633 link path=usr/share/man/man3c/atomic_or_8_nv.3c target=atomic_or.3c
634 link path=usr/share/man/man3c/atomic_or_uchar.3c target=atomic_or.3c
635 link path=usr/share/man/man3c/atomic_or_uchar_nv.3c target=atomic_or.3c
636 link path=usr/share/man/man3c/atomic_or_uint.3c target=atomic_or.3c
637 link path=usr/share/man/man3c/atomic_or_uint_nv.3c target=atomic_or.3c
638 link path=usr/share/man/man3c/atomic_or_ulong.3c target=atomic_or.3c
639 link path=usr/share/man/man3c/atomic_or_ulong_nv.3c target=atomic_or.3c
640 link path=usr/share/man/man3c/atomic_or_ushort.3c target=atomic_or.3c
641 link path=usr/share/man/man3c/atomic_or_ushort_nv.3c target=atomic_or.3c
642 link path=usr/share/man/man3c/atomic_set_long_excl.3c target=atomic_bits.3c
643 link path=usr/share/man/man3c/atomic_swap_16.3c target=atomic_swap.3c
644 link path=usr/share/man/man3c/atomic_swap_32.3c target=atomic_swap.3c
645 link path=usr/share/man/man3c/atomic_swap_64.3c target=atomic_swap.3c
646 link path=usr/share/man/man3c/atomic_swap_8.3c target=atomic_swap.3c
647 link path=usr/share/man/man3c/atomic_swap_ptr.3c target=atomic_swap.3c
648 link path=usr/share/man/man3c/atomic_swap_ptr_nv.3c target=atomic_swap.3c
649 link path=usr/share/man/man3c/atomic_swap_uint.3c target=atomic_swap.3c

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650 link path=usr/share/man/man3c/atomic_swap_ulong.3c target=atomic_swap.3c
651 link path=usr/share/man/man3c/atomic_swap_ushort.3c target=atomic_swap.3c
652 link path=usr/share/man/man3c/backtrace.3c target=walkcontext.3c
653 link path=usr/share/man/man3c/backtrace_symbols.3c target=walkcontext.3c
654 link path=usr/share/man/man3c/backtrace_symbols_fd.3c target=walkcontext.3c
655 link path=usr/share/man/man3c/bcmp.3c target=bstring.3c
656 link path=usr/share/man/man3c/bcopy.3c target=bstring.3c
657 link path=usr/share/man/man3c/bind_textdomain_codeset.3c target=gettext.3c
658 link path=usr/share/man/man3c/bind_textdomain.3c target=gettext.3c
659 link path=usr/share/man/man3c/btowc_l.3c target=btowc.3c
660 link path=usr/share/man/man3c/bzero.3c target=bstring.3c
661 link path=usr/share/man/man3c/calloc.3c target=malloc.3c
662 link path=usr/share/man/man3c/catclose.3c target=catopen.3c
663 link path=usr/share/man/man3c/cfgetospeed.3c target=cfgetispeed.3c
664 link path=usr/share/man/man3c/cfsetospeed.3c target=cfsetispeed.3c
665 link path=usr/share/man/man3c/cftime.3c target=strftime.3c
666 link path=usr/share/man/man3c/clearerr.3c target=ferror.3c
667 link path=usr/share/man/man3c/clock_getres.3c target=clock_settime.3c
668 link path=usr/share/man/man3c/clock_gettime.3c target=clock_settime.3c
669 link path=usr/share/man/man3c/closelog.3c target=syslog.3c
670 link path=usr/share/man/man3c/cond_broadcast.3c target=cond_init.3c
671 link path=usr/share/man/man3c/cond_destroy.3c target=cond_init.3c
672 link path=usr/share/man/man3c/cond_reltimedwait.3c target=cond_init.3c
673 link path=usr/share/man/man3c/cond_signal.3c target=cond_init.3c
674 link path=usr/share/man/man3c/cond_timedwait.3c target=cond_init.3c
675 link path=usr/share/man/man3c/cond_wait.3c target=cond_init.3c
676 link path=usr/share/man/man3c/csetcol.3c target=cset.3c
677 link path=usr/share/man/man3c/csetlen.3c target=cset.3c
678 link path=usr/share/man/man3c/csetno.3c target=cset.3c
679 link path=usr/share/man/man3c/ctermid_r.3c target=ctermid.3c
680 link path=usr/share/man/man3c/ctime_r.3c target=ctime.3c
681 link path=usr/share/man/man3c/dbm_clearerr.3c target=ndbm.3c
682 link path=usr/share/man/man3c/dbm_close.3c target=ndbm.3c
683 link path=usr/share/man/man3c/dbm_delete.3c target=ndbm.3c
684 link path=usr/share/man/man3c/dbm_error.3c target=ndbm.3c
685 link path=usr/share/man/man3c/dbm_fetch.3c target=ndbm.3c
686 link path=usr/share/man/man3c/dbm_firstkey.3c target=ndbm.3c
687 link path=usr/share/man/man3c/dbm_nextkey.3c target=ndbm.3c
688 link path=usr/share/man/man3c/dbm_open.3c target=ndbm.3c
689 link path=usr/share/man/man3c/dbm_store.3c target=ndbm.3c
690 link path=usr/share/man/man3c/dcgettext.3c target=gettext.3c
691 link path=usr/share/man/man3c/dcngettext.3c target=gettext.3c
692 link path=usr/share/man/man3c/decimal_to_double.3c \
693 target=decimal_to_floating.3c
694 link path=usr/share/man/man3c/decimal_to_extended.3c \
695 target=decimal_to_floating.3c
696 link path=usr/share/man/man3c/decimal_to_quadruple.3c \
697 target=decimal_to_floating.3c
698 link path=usr/share/man/man3c/decimal_to_single.3c \
699 target=decimal_to_floating.3c
700 link path=usr/share/man/man3c/dgettext.3c target=gettext.3c
701 link path=usr/share/man/man3c/dladdr1.3c target=dladdr.3c
702 link path=usr/share/man/man3c/dlclose.3c target=dlopen.3c
703 link path=usr/share/man/man3c/dngettext.3c target=gettext.3c
704 link path=usr/share/man/man3c/door_setparam.3c target=door_getparam.3c
705 link path=usr/share/man/man3c/door_unbind.3c target=door_bind.3c
706 link path=usr/share/man/man3c/double_to_decimal.3c \
707 target=floating_to_decimal.3c
708 link path=usr/share/man/man3c/dup3.3c target=dup2.3c
709 link path=usr/share/man/man3c/duplocale.3c target=newlocale.3c
710 link path=usr/share/man/man3c/edata.3c target=end.3c
711 link path=usr/share/man/man3c/endlrent.3c target=getgrnam.3c
712 link path=usr/share/man/man3c/endlrgrent.3c target=getnetgrent.3c
713 link path=usr/share/man/man3c/endlwrent.3c target=getpwnam.3c
714 link path=usr/share/man/man3c/endspent.3c target=getspnam.3c
715 link path=usr/share/man/man3c/endusershell.3c target=getusershell.3c

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716 link path=usr/share/man/man3c/endum.3c target=getutent.3c
717 link path=usr/share/man/man3c/endumxent.3c target=getutxent.3c
718 link path=usr/share/man/man3c/erand48.3c target=drand48.3c
719 link path=usr/share/man/man3c/errno.3c target=errno.3c
720 link path=usr/share/man/man3c/errx.3c target=err.3c
721 link path=usr/share/man/man3c/etext.3c target=end.3c
722 link path=usr/share/man/man3c/euclid.3c target=euclid.3c
723 link path=usr/share/man/man3c/euclid.3c target=euclid.3c
724 link path=usr/share/man/man3c/extended_to_decimal.3c \
725 target=floating_to_decimal.3c
726 link path=usr/share/man/man3c/fconvert.3c target=econvert.3c
727 link path=usr/share/man/man3c/fcvt.3c target=ecvt.3c
728 link path=usr/share/man/man3c/fdopendir.3c target=opendir.3c
729 link path=usr/share/man/man3c/fdwalk.3c target=closefrom.3c
730 link path=usr/share/man/man3c/feof.3c target=ferror.3c
731 link path=usr/share/man/man3c/fgetgrent.3c target=getgrnam.3c
732 link path=usr/share/man/man3c/fgetgrent_r.3c target=getgrnam.3c
733 link path=usr/share/man/man3c/fgetpwent.3c target=getpwnam.3c
734 link path=usr/share/man/man3c/fgetpwent_r.3c target=getpwnam.3c
735 link path=usr/share/man/man3c/fgets.3c target=gets.3c
736 link path=usr/share/man/man3c/fgetspent.3c target=getspnam.3c
737 link path=usr/share/man/man3c/fgetspent_r.3c target=getspnam.3c
738 link path=usr/share/man/man3c/fgetwc_l.3c target=fgetwc.3c
739 link path=usr/share/man/man3c/fgetws.3c target=getws.3c
740 link path=usr/share/man/man3c/file_to_decimal.3c target=string_to_decimal.3c
741 link path=usr/share/man/man3c/fileno.3c target=ferror.3c
742 link path=usr/share/man/man3c/finite.3c target=isnan.3c
743 link path=usr/share/man/man3c/fpclass.3c target=isnan.3c
744 link path=usr/share/man/man3c/fpgetmask.3c target=fpgetround.3c
745 link path=usr/share/man/man3c/fpgetsticky.3c target=fpgetround.3c
746 link path=usr/share/man/man3c/fprintf.3c target=printf.3c
747 link path=usr/share/man/man3c/fpsetmask.3c target=fpgetround.3c
748 link path=usr/share/man/man3c/fpsetround.3c target=fpgetround.3c
749 link path=usr/share/man/man3c/fpsetsticky.3c target=fpgetround.3c
750 link path=usr/share/man/man3c/fputs.3c target=puts.3c
751 link path=usr/share/man/man3c/free.3c target=malloc.3c
752 link path=usr/share/man/man3c/freelocale.3c target=newlocale.3c
753 link path=usr/share/man/man3c/fsconf.3c target=scanf.3c
754 link path=usr/share/man/man3c/fseeko.3c target=fseek.3c
755 link path=usr/share/man/man3c/fsetattr.3c target=fgetattr.3c
756 link path=usr/share/man/man3c/ftello.3c target=ftell.3c
757 link path=usr/share/man/man3c/ftruncate.3c target=truncate.3c
758 link path=usr/share/man/man3c/ftrylockfile.3c target=flockfile.3c
759 link path=usr/share/man/man3c/func_to_decimal.3c target=string_to_decimal.3c
760 link path=usr/share/man/man3c/funlockfile.3c target=flockfile.3c
761 link path=usr/share/man/man3c/gconvert.3c target=econvert.3c
762 link path=usr/share/man/man3c/gcvt.3c target=ecvt.3c
763 link path=usr/share/man/man3c/getattr.3c target=fgetattr.3c
764 link path=usr/share/man/man3c/getc.3c target=fgetc.3c
765 link path=usr/share/man/man3c/getc_unlocked.3c target=fgetc.3c
766 link path=usr/share/man/man3c/getchar.3c target=fgetc.3c
767 link path=usr/share/man/man3c/getchar_unlocked.3c target=fgetc.3c
768 link path=usr/share/man/man3c/getdelim.3c target=getline.3c
769 link path=usr/share/man/man3c/getextmntent.3c target=getmntent.3c
770 link path=usr/share/man/man3c/getgrent.3c target=getgrnam.3c
771 link path=usr/share/man/man3c/getgrent_r.3c target=getgrnam.3c
772 link path=usr/share/man/man3c/getgrgid.3c target=getgrnam.3c
773 link path=usr/share/man/man3c/getgrgid_r.3c target=getgrnam.3c
774 link path=usr/share/man/man3c/getgrnam.3c target=getgrnam.3c
775 link path=usr/share/man/man3c/gethomegroup.3c target=getpuid.3c
776 link path=usr/share/man/man3c/gethrtime.3c target=gethrtime.3c
777 link path=usr/share/man/man3c/getlogin_r.3c target=getlogin.3c
778 link path=usr/share/man/man3c/getmntany.3c target=getmntent.3c
779 link path=usr/share/man/man3c/getnetgrent_r.3c target=getnetgrent.3c
780 link path=usr/share/man/man3c/getpassphrase.3c target=getpass.3c
781 link path=usr/share/man/man3c/getpwent.3c target=getpwnam.3c

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782 link path=usr/share/man/man3c/getpwnam_r.3c target=getpwnam.3c
783 link path=usr/share/man/man3c/getpwnam_r.3c target=getpwnam.3c
784 link path=usr/share/man/man3c/getpwuid.3c target=getpwnam.3c
785 link path=usr/share/man/man3c/getpwuid_r.3c target=getpwnam.3c
786 link path=usr/share/man/man3c/getspent.3c target=getspnam.3c
787 link path=usr/share/man/man3c/getspent_r.3c target=getspnam.3c
788 link path=usr/share/man/man3c/getspnam_r.3c target=getspnam.3c
789 link path=usr/share/man/man3c/getutid.3c target=getutent.3c
790 link path=usr/share/man/man3c/getutline.3c target=getutent.3c
791 link path=usr/share/man/man3c/getutmp.3c target=getutxent.3c
792 link path=usr/share/man/man3c/getutmpx.3c target=getutxent.3c
793 link path=usr/share/man/man3c/getutxid.3c target=getutxent.3c
794 link path=usr/share/man/man3c/getutxline.3c target=getutxent.3c
795 link path=usr/share/man/man3c/getvfsany.3c target=getvfsent.3c
796 link path=usr/share/man/man3c/getvfile.3c target=getvfile.3c
797 link path=usr/share/man/man3c/getvfsspec.3c target=getvfssent.3c
798 link path=usr/share/man/man3c/getwc.3c target=fgetc.3c
799 link path=usr/share/man/man3c/getwc_l.3c target=getwc.3c
800 link path=usr/share/man/man3c/getwchar_l.3c target=getwchar.3c
801 link path=usr/share/man/man3c/getzoneidbyname.3c target=getzoneid.3c
802 link path=usr/share/man/man3c/getzonenamebyid.3c target=getzoneid.3c
803 link path=usr/share/man/man3c/globfree.3c target=glob.3c
804 link path=usr/share/man/man3c/gmtime.3c target=ctime.3c
805 link path=usr/share/man/man3c/gmtime_r.3c target=ctime.3c
806 link path=usr/share/man/man3c/gsignal.3c target=ssignal.3c
807 link path=usr/share/man/man3c/hasmntopt.3c target=getmntent.3c
808 link path=usr/share/man/man3c/hcreate.3c target=hsearch.3c
809 link path=usr/share/man/man3c/hdestroy.3c target=hsearch.3c
810 link path=usr/share/man/man3c/initstate.3c target=random.3c
811 link path=usr/share/man/man3c/innetgr.3c target=getnetgrent.3c
812 link path=usr/share/man/man3c/isalnum.3c target=ctype.3c
813 link path=usr/share/man/man3c/isalnum_l.3c target=ctype.3c
814 link path=usr/share/man/man3c/isalpha.3c target=ctype.3c
815 link path=usr/share/man/man3c/isalpha_l.3c target=ctype.3c
816 link path=usr/share/man/man3c/isascii.3c target=ctype.3c
817 link path=usr/share/man/man3c/isblank.3c target=ctype.3c
818 link path=usr/share/man/man3c/isblank_l.3c target=ctype.3c
819 link path=usr/share/man/man3c/iscntrl.3c target=ctype.3c
820 link path=usr/share/man/man3c/iscntrl_l.3c target=ctype.3c
821 link path=usr/share/man/man3c/isdigit.3c target=ctype.3c
822 link path=usr/share/man/man3c/isdigit_l.3c target=ctype.3c
823 link path=usr/share/man/man3c/isenglish.3c target=iswalpha.3c
824 link path=usr/share/man/man3c/isgraph.3c target=ctype.3c
825 link path=usr/share/man/man3c/isgraph_l.3c target=ctype.3c
826 link path=usr/share/man/man3c/isideogram.3c target=iswalpha.3c
827 link path=usr/share/man/man3c/islower.3c target=ctype.3c
828 link path=usr/share/man/man3c/islower_l.3c target=ctype.3c
829 link path=usr/share/man/man3c/isnanf.3c target=isnan.3c
830 link path=usr/share/man/man3c/isnumber.3c target=iswalpha.3c
831 link path=usr/share/man/man3c/isphonogram.3c target=iswalpha.3c
832 link path=usr/share/man/man3c/isprint.3c target=ctype.3c
833 link path=usr/share/man/man3c/isprint_l.3c target=ctype.3c
834 link path=usr/share/man/man3c/ispunct.3c target=ctype.3c
835 link path=usr/share/man/man3c/ispunct_l.3c target=ctype.3c
836 link path=usr/share/man/man3c/isspace.3c target=ctype.3c
837 link path=usr/share/man/man3c/isspace_l.3c target=ctype.3c
838 link path=usr/share/man/man3c/isspecial.3c target=iswalpha.3c
839 link path=usr/share/man/man3c/isupper.3c target=ctype.3c
840 link path=usr/share/man/man3c/isupper_l.3c target=ctype.3c
841 link path=usr/share/man/man3c/iswalnum.3c target=iswalpha.3c
842 link path=usr/share/man/man3c/iswalnum_l.3c target=iswalpha.3c
843 link path=usr/share/man/man3c/iswalpha_l.3c target=iswalpha.3c
844 link path=usr/share/man/man3c/iswascii.3c target=iswalpha.3c
845 link path=usr/share/man/man3c/iswblank.3c target=iswalpha.3c
846 link path=usr/share/man/man3c/iswblank_l.3c target=iswalpha.3c
847 link path=usr/share/man/man3c/iswcntrl.3c target=iswalpha.3c

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848 link path=usr/share/man/man3c/iswcntrl_l.3c target=iswalpha.3c
849 link path=usr/share/man/man3c/iswctype_l.3c target=iswctype.3c
850 link path=usr/share/man/man3c/iswdigit.3c target=iswalpha.3c
851 link path=usr/share/man/man3c/iswdigit_l.3c target=iswalpha.3c
852 link path=usr/share/man/man3c/iswgraph.3c target=iswalpha.3c
853 link path=usr/share/man/man3c/iswgraph_l.3c target=iswalpha.3c
854 link path=usr/share/man/man3c/iswhexnumber.3c target=iswalpha.3c
855 link path=usr/share/man/man3c/iswhexnumber_l.3c target=iswalpha.3c
856 link path=usr/share/man/man3c/iswideogram.3c target=iswalpha.3c
857 link path=usr/share/man/man3c/iswideogram_l.3c target=iswalpha.3c
858 link path=usr/share/man/man3c/iswlower.3c target=iswalpha.3c
859 link path=usr/share/man/man3c/iswlower_l.3c target=iswalpha.3c
860 link path=usr/share/man/man3c/iswnumber.3c target=iswalpha.3c
861 link path=usr/share/man/man3c/iswnumber_l.3c target=iswalpha.3c
862 link path=usr/share/man/man3c/iswphonogram.3c target=iswalpha.3c
863 link path=usr/share/man/man3c/iswphonogram_l.3c target=iswalpha.3c
864 link path=usr/share/man/man3c/iswprint.3c target=iswalpha.3c
865 link path=usr/share/man/man3c/iswprint_l.3c target=iswalpha.3c
866 link path=usr/share/man/man3c/iswpunct.3c target=iswalpha.3c
867 link path=usr/share/man/man3c/iswpunct_l.3c target=iswalpha.3c
868 link path=usr/share/man/man3c/iswspace.3c target=iswalpha.3c
869 link path=usr/share/man/man3c/iswspace_l.3c target=iswalpha.3c
870 link path=usr/share/man/man3c/iswspecial.3c target=iswalpha.3c
871 link path=usr/share/man/man3c/iswspecial_l.3c target=iswalpha.3c
872 link path=usr/share/man/man3c/iswupper.3c target=iswalpha.3c
873 link path=usr/share/man/man3c/iswupper_l.3c target=iswalpha.3c
874 link path=usr/share/man/man3c/iswxdigit.3c target=iswalpha.3c
875 link path=usr/share/man/man3c/iswxdigit_l.3c target=iswalpha.3c
876 link path=usr/share/man/man3c/isxdigit.3c target=ctype.3c
877 link path=usr/share/man/man3c/isxdigit_l.3c target=ctype.3c
878 link path=usr/share/man/man3c/jrand48.3c target=drand48.3c
879 link path=usr/share/man/man3c/l64a.3c target=a64l.3c
880 link path=usr/share/man/man3c/labs.3c target=abs.3c
881 link path=usr/share/man/man3c/lcong48.3c target=drand48.3c
882 link path=usr/share/man/man3c/ldiv.3c target=div.3c
883 link path=usr/share/man/man3c/lfind.3c target=lsearch.3c
884 link path=usr/share/man/man3c/llabs.3c target=abs.3c
885 link path=usr/share/man/man3c/lldiv.3c target=div.3c
886 link path=usr/share/man/man3c/lltostr.3c target=strtol.3c
887 link path=usr/share/man/man3c/localtime.3c target=ctime.3c
888 link path=usr/share/man/man3c/localtime_r.3c target=ctime.3c
889 link path=usr/share/man/man3c/longjmp.3c target=setjmp.3c
890 link path=usr/share/man/man3c/lrand48.3c target=drand48.3c
891 link path=usr/share/man/man3c/major.3c target=makedev.3c
892 link path=usr/share/man/man3c/mblen_l.3c target=mblen.3c
893 link path=usr/share/man/man3c/mbrlen_l.3c target=mbrlen.3c
894 link path=usr/share/man/man3c/mbrtowc_l.3c target=mbrtowc.3c
895 link path=usr/share/man/man3c/mbsinit_l.3c target=mbsinit.3c
896 link path=usr/share/man/man3c/mbsrtowcs.3c target=mbsrtowcs.3c
897 link path=usr/share/man/man3c/mbsrtowcs_l.3c target=mbsrtowcs.3c
898 link path=usr/share/man/man3c/mbsrtowcs_l.3c target=mbsrtowcs.3c
899 link path=usr/share/man/man3c/mbstowcs.3c target=mbsrtowcs.3c
900 link path=usr/share/man/man3c/mbstowcs_l.3c target=mbsrtowcs.3c
901 link path=usr/share/man/man3c/mbtowc_l.3c target=mbtowc.3c
902 link path=usr/share/man/man3c/memalign.3c target=malloc.3c
903 link path=usr/share/man/man3c/membar_consumer.3c target=membar_ops.3c
904 link path=usr/share/man/man3c/membar_enter.3c target=membar_ops.3c
905 link path=usr/share/man/man3c/membar_exit.3c target=membar_ops.3c
906 link path=usr/share/man/man3c/membar_producer.3c target=membar_ops.3c
907 link path=usr/share/man/man3c/memccpy.3c target=memory.3c
908 link path=usr/share/man/man3c/memchr.3c target=memory.3c
909 link path=usr/share/man/man3c/memcmp.3c target=memory.3c
910 link path=usr/share/man/man3c/memcpy.3c target=memory.3c
911 link path=usr/share/man/man3c/memmove.3c target=memory.3c
912 link path=usr/share/man/man3c/memset.3c target=memory.3c
913 link path=usr/share/man/man3c/minor.3c target=makedev.3c

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914 link path=usr/share/man/man3c/mkdstemp.3c target=mkstemp.3c
915 link path=usr/share/man/man3c/mkostemp.3c target=mkstemp.3c
916 link path=usr/share/man/man3c/mkostemps.3c target=mkstemp.3c
917 link path=usr/share/man/man3c/mkstemps.3c target=mkstemp.3c
918 link path=usr/share/man/man3c/mq_reltimedreceive_np.3c target=mq_receive.3c
919 link path=usr/share/man/man3c/mq_reltimedsend_np.3c target=mq_send.3c
920 link path=usr/share/man/man3c/mq_timedreceive.3c target=mq_receive.3c
921 link path=usr/share/man/man3c/mq_timedsend.3c target=mq_send.3c
922 link path=usr/share/man/man3c/mrand48.3c target=drand48.3c
923 link path=usr/share/man/man3c/munlock.3c target=mlock.3c
924 link path=usr/share/man/man3c/munlockall.3c target=mlockall.3c
925 link path=usr/share/man/man3c/mutex_consistent.3c target=mutex_init.3c
926 link path=usr/share/man/man3c/mutex_destroy.3c target=mutex_init.3c
927 link path=usr/share/man/man3c/mutex_lock.3c target=mutex_init.3c
928 link path=usr/share/man/man3c/mutex_trylock.3c target=mutex_init.3c
929 link path=usr/share/man/man3c/mutex_unlock.3c target=mutex_init.3c
930 link path=usr/share/man/man3c/nftw.3c target=ftw.3c
931 link path=usr/share/man/man3c/ngettext.3c target=gettext.3c
932 link path=usr/share/man/man3c/nl_langinfo_l.3c target=nl_langinfo.3c
933 link path=usr/share/man/man3c/nrand48.3c target=drand48.3c
934 link path=usr/share/man/man3c/openlog.3c target=syslog.3c
935 link path=usr/share/man/man3c/pclose.3c target=popen.3c
936 link path=usr/share/man/man3c/port_dissociate.3c target=port_associate.3c
937 link path=usr/share/man/man3c/port_getn.3c target=port_get.3c
938 link path=usr/share/man/man3c/port_sendn.3c target=port_send.3c
939 link path=usr/share/man/man3c/posix_spawn_file_actions_addopen.3c \
940 target=posix_spawn_file_actions_addclose.3c
941 link path=usr/share/man/man3c/posix_spawn_file_actions_init.3c \
942 target=posix_spawn_file_actions_destroy.3c
943 link path=usr/share/man/man3c/posix_spawnattr_init.3c \
944 target=posix_spawnattr_destroy.3c
945 link path=usr/share/man/man3c/posix_spawnattr_setflags.3c \
946 target=posix_spawnattr_getflags.3c
947 link path=usr/share/man/man3c/posix_spawnattr_setpgroup.3c \
948 target=posix_spawnattr_getpgroup.3c
949 link path=usr/share/man/man3c/posix_spawnattr_setschedparam.3c \
950 target=posix_spawnattr_getschedparam.3c
951 link path=usr/share/man/man3c/posix_spawnattr_setschedpolicy.3c \
952 target=posix_spawnattr_getschedpolicy.3c
953 link path=usr/share/man/man3c/posix_spawnattr_setsigdefault.3c \
954 target=posix_spawnattr_getsigdefault.3c
955 link path=usr/share/man/man3c/posix_spawnattr_setsigignore_np.3c \
956 target=posix_spawnattr_getsigignore_np.3c
957 link path=usr/share/man/man3c/posix_spawnattr_setsigmask.3c \
958 target=posix_spawnattr_getsigmask.3c
959 link path=usr/share/man/man3c/posix_spawnnp.3c target=posix_spawn.3c
960 link path=usr/share/man/man3c/printstack.3c target=walkcontext.3c
961 link path=usr/share/man/man3c/priv_allocset.3c target=priv_addset.3c
962 link path=usr/share/man/man3c/priv_basicset.3c target=priv_addset.3c
963 link path=usr/share/man/man3c/priv_copyset.3c target=priv_addset.3c
964 link path=usr/share/man/man3c/priv_delset.3c target=priv_addset.3c
965 link path=usr/share/man/man3c/priv_emptyset.3c target=priv_addset.3c
966 link path=usr/share/man/man3c/priv_fillset.3c target=priv_addset.3c
967 link path=usr/share/man/man3c/priv_freerset.3c target=priv_addset.3c
968 link path=usr/share/man/man3c/priv_getbyname.3c target=priv_str_to_set.3c
969 link path=usr/share/man/man3c/priv_getbynum.3c target=priv_str_to_set.3c
970 link path=usr/share/man/man3c/priv_getsetbyname.3c target=priv_str_to_set.3c
971 link path=usr/share/man/man3c/priv_getsetbynum.3c target=priv_str_to_set.3c
972 link path=usr/share/man/man3c/priv_gettext.3c target=priv_str_to_set.3c
973 link path=usr/share/man/man3c/priv_ineffect.3c target=priv_set.3c
974 link path=usr/share/man/man3c/priv_intersect.3c target=priv_addset.3c
975 link path=usr/share/man/man3c/priv_inverse.3c target=priv_addset.3c
976 link path=usr/share/man/man3c/priv_isemptyset.3c target=priv_addset.3c
977 link path=usr/share/man/man3c/priv_isequalset.3c target=priv_addset.3c
978 link path=usr/share/man/man3c/priv_isfullset.3c target=priv_addset.3c
979 link path=usr/share/man/man3c/priv_ismember.3c target=priv_addset.3c

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980 link path=usr/share/man/man3c/priv_issubset.3c target=priv_addset.3c
981 link path=usr/share/man/man3c/priv_set_to_str.3c target=priv_str_to_set.3c
982 link path=usr/share/man/man3c/priv_union.3c target=priv_addset.3c
983 link path=usr/share/man/man3c/pselect.3c target=select.3c
984 link path=usr/share/man/man3c/psiginfo.3c target=psignal.3c
985 link path=usr/share/man/man3c/pthread_attr_destroy.3c \
986 target=pthread_attr_init.3c
987 link path=usr/share/man/man3c/pthread_attr_setdetachstate.3c \
988 target=pthread_attr_getdetachstate.3c
989 link path=usr/share/man/man3c/pthread_attr_setguardsize.3c \
990 target=pthread_attr_getguardsize.3c
991 link path=usr/share/man/man3c/pthread_attr_setinheritsched.3c \
992 target=pthread_attr_getinheritsched.3c
993 link path=usr/share/man/man3c/pthread_attr_setschedparam.3c \
994 target=pthread_attr_getschedparam.3c
995 link path=usr/share/man/man3c/pthread_attr_setschedpolicy.3c \
996 target=pthread_attr_getschedpolicy.3c
997 link path=usr/share/man/man3c/pthread_attr_setscope.3c \
998 target=pthread_attr_getscope.3c
999 link path=usr/share/man/man3c/pthread_attr_setstack.3c \
1000 target=pthread_attr_getstack.3c
1001 link path=usr/share/man/man3c/pthread_attr_setstackaddr.3c \
1002 target=pthread_attr_getstackaddr.3c
1003 link path=usr/share/man/man3c/pthread_attr_setstacksize.3c \
1004 target=pthread_attr_getstacksize.3c
1005 link path=usr/share/man/man3c/pthread_barrier_init.3c \
1006 target=pthread_barrier_destroy.3c
1007 link path=usr/share/man/man3c/pthread_barrierattr_init.3c \
1008 target=pthread_barrierattr_destroy.3c
1009 link path=usr/share/man/man3c/pthread_barrierattr_setpshared.3c \
1010 target=pthread_barrierattr_getpshared.3c
1011 link path=usr/share/man/man3c/pthread_cond_broadcast.3c \
1012 target=pthread_cond_signal.3c
1013 link path=usr/share/man/man3c/pthread_cond_destroy.3c \
1014 target=pthread_cond_init.3c
1015 link path=usr/share/man/man3c/pthread_cond_reltimedwait_np.3c \
1016 target=pthread_cond_wait.3c
1017 link path=usr/share/man/man3c/pthread_cond_timedwait.3c \
1018 target=pthread_cond_wait.3c
1019 link path=usr/share/man/man3c/pthread_condattr_destroy.3c \
1020 target=pthread_condattr_init.3c
1021 link path=usr/share/man/man3c/pthread_condattr_setclock.3c \
1022 target=pthread_condattr_getclock.3c
1023 link path=usr/share/man/man3c/pthread_condattr_setpshared.3c \
1024 target=pthread_condattr_getpshared.3c
1025 link path=usr/share/man/man3c/pthread_key_create_once_np.3c \
1026 target=pthread_key_create.3c
1027 link path=usr/share/man/man3c/pthread_mutex_destroy.3c \
1028 target=pthread_mutex_init.3c
1029 link path=usr/share/man/man3c/pthread_mutex_reltimedlock_np.3c \
1030 target=pthread_mutex_timedlock.3c
1031 link path=usr/share/man/man3c/pthread_mutex_setprioceiling.3c \
1032 target=pthread_mutex_getprioceiling.3c
1033 link path=usr/share/man/man3c/pthread_mutex_trylock.3c \
1034 target=pthread_mutex_lock.3c
1035 link path=usr/share/man/man3c/pthread_mutex_unlock.3c \
1036 target=pthread_mutex_lock.3c
1037 link path=usr/share/man/man3c/pthread_mutexattr_destroy.3c \
1038 target=pthread_mutexattr_init.3c
1039 link path=usr/share/man/man3c/pthread_mutexattr_setprioceiling.3c \
1040 target=pthread_mutexattr_getprioceiling.3c
1041 link path=usr/share/man/man3c/pthread_mutexattr_setprotocol.3c \
1042 target=pthread_mutexattr_getprotocol.3c
1043 link path=usr/share/man/man3c/pthread_mutexattr_setpshared.3c \
1044 target=pthread_mutexattr_getpshared.3c
1045 link path=usr/share/man/man3c/pthread_mutexattr_settype.3c \

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1046 target=pthread_mutexattr_gettype.3c
1047 link path=usr/share/man/man3c/pthread_rwlock_destroy.3c \
1048 target=pthread_rwlock_init.3c
1049 link path=usr/share/man/man3c/pthread_rwlock_reltimedrdlock_np.3c \
1050 target=pthread_rwlock_timedrdlock.3c
1051 link path=usr/share/man/man3c/pthread_rwlock_reltimedwrlock_np.3c \
1052 target=pthread_rwlock_timedwrlock.3c
1053 link path=usr/share/man/man3c/pthread_rwlock_tryrdlock.3c \
1054 target=pthread_rwlock_rdlock.3c
1055 link path=usr/share/man/man3c/pthread_rwlock_trywrlock.3c \
1056 target=pthread_rwlock_wrlock.3c
1057 link path=usr/share/man/man3c/pthread_rwlockattr_destroy.3c \
1058 target=pthread_rwlockattr_init.3c
1059 link path=usr/share/man/man3c/pthread_rwlockattr_setpshared.3c \
1060 target=pthread_rwlockattr_getpshared.3c
1061 link path=usr/share/man/man3c/pthread_setconcurrency.3c \
1062 target=pthread_getconcurrency.3c
1063 link path=usr/share/man/man3c/pthread_setschedparam.3c \
1064 target=pthread_getschedparam.3c
1065 link path=usr/share/man/man3c/pthread_setspecific.3c \
1066 target=pthread_getspecific.3c
1067 link path=usr/share/man/man3c/pthread_spin_init.3c \
1068 target=pthread_spin_destroy.3c
1069 link path=usr/share/man/man3c/pthread_spin_trylock.3c \
1070 target=pthread_spin_lock.3c
1071 link path=usr/share/man/man3c/putc.3c target=fputc.3c
1072 link path=usr/share/man/man3c/putc_unlocked.3c target=fputc.3c
1073 link path=usr/share/man/man3c/putchar.3c target=fputc.3c
1074 link path=usr/share/man/man3c/putchar_unlocked.3c target=fputc.3c
1075 link path=usr/share/man/man3c/putmntent.3c target=getmntent.3c
1076 link path=usr/share/man/man3c/pututline.3c target=getutent.3c
1077 link path=usr/share/man/man3c/pututxline.3c target=getutxent.3c
1078 link path=usr/share/man/man3c/putw.3c target=fputc.3c
1079 link path=usr/share/man/man3c/putwc.3c target=fputwc.3c
1080 link path=usr/share/man/man3c/putwchar.3c target=fputwc.3c
1081 link path=usr/share/man/man3c/qeconvert.3c target=econvert.3c
1082 link path=usr/share/man/man3c/qfconvert.3c target=econvert.3c
1083 link path=usr/share/man/man3c/ggconvert.3c target=econvert.3c
1084 link path=usr/share/man/man3c/quadruple_to_decimal.3c \
1085 target=floating_to_decimal.3c
1086 link path=usr/share/man/man3c/rand_r.3c target=rand.3c
1087 link path=usr/share/man/man3c/rctlblk_get_enforced_value.3c \
1088 target=rctlblk_set_value.3c
1089 link path=usr/share/man/man3c/rctlblk_get_firing_time.3c \
1090 target=rctlblk_set_value.3c
1091 link path=usr/share/man/man3c/rctlblk_get_global_action.3c \
1092 target=rctlblk_set_value.3c
1093 link path=usr/share/man/man3c/rctlblk_get_global_flags.3c \
1094 target=rctlblk_set_value.3c
1095 link path=usr/share/man/man3c/rctlblk_get_local_action.3c \
1096 target=rctlblk_set_value.3c
1097 link path=usr/share/man/man3c/rctlblk_get_local_flags.3c \
1098 target=rctlblk_set_value.3c
1099 link path=usr/share/man/man3c/rctlblk_get_privilege.3c \
1100 target=rctlblk_set_value.3c
1101 link path=usr/share/man/man3c/rctlblk_get_recipient_pid.3c \
1102 target=rctlblk_set_value.3c
1103 link path=usr/share/man/man3c/rctlblk_get_value.3c target=rctlblk_set_value.3c
1104 link path=usr/share/man/man3c/rctlblk_set_local_action.3c \
1105 target=rctlblk_set_value.3c
1106 link path=usr/share/man/man3c/rctlblk_set_local_flags.3c \
1107 target=rctlblk_set_value.3c
1108 link path=usr/share/man/man3c/rctlblk_set_privilege.3c \
1109 target=rctlblk_set_value.3c
1110 link path=usr/share/man/man3c/rctlblk_set_recipient_pid.3c \
1111 target=rctlblk_set_value.3c

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1112 link path=usr/share/man/man3c/rctlblk_size.3c target=rctlblk_set_value.3c
1113 link path=usr/share/man/man3c/re_exec.3c target=re_comp.3c
1114 link path=usr/share/man/man3c/readdir_r.3c target=readdir.3c
1115 link path=usr/share/man/man3c/realloc.3c target=malloc.3c
1116 link path=usr/share/man/man3c/regerror.3c target=regcomp.3c
1117 link path=usr/share/man/man3c/regex.3c target=regcomp.3c
1118 link path=usr/share/man/man3c/regexec.3c target=regcomp.3c
1119 link path=usr/share/man/man3c/regfree.3c target=regcomp.3c
1120 link path=usr/share/man/man3c/remque.3c target=insque.3c
1121 link path=usr/share/man/man3c/resetmnttab.3c target=getmntent.3c
1122 link path=usr/share/man/man3c/rindex.3c target=index.3c
1123 link path=usr/share/man/man3c/rw_rdlock.3c target=rwlock.3c
1124 link path=usr/share/man/man3c/rw_tryrdlock.3c target=rwlock.3c
1125 link path=usr/share/man/man3c/rw_trywrlock.3c target=rwlock.3c
1126 link path=usr/share/man/man3c/rw_unlock.3c target=rwlock.3c
1127 link path=usr/share/man/man3c/rw_wrlock.3c target=rwlock.3c
1128 link path=usr/share/man/man3c/rwlock_destroy.3c target=rwlock.3c
1129 link path=usr/share/man/man3c/rwlock_init.3c target=rwlock.3c
1130 link path=usr/share/man/man3c/sched_get_priority_min.3c \
1131 target=sched_get_priority_max.3c
1132 link path=usr/share/man/man3c/schedctl_exit.3c target=schedctl_init.3c
1133 link path=usr/share/man/man3c/schedctl_lookup.3c target=schedctl_init.3c
1134 link path=usr/share/man/man3c/schedctl_start.3c target=schedctl_init.3c
1135 link path=usr/share/man/man3c/schedctl_stop.3c target=schedctl_init.3c
1136 link path=usr/share/man/man3c/seconvert.3c target=econvert.3c
1137 link path=usr/share/man/man3c/seed48.3c target=drand48.3c
1138 link path=usr/share/man/man3c/sem_reltimedwait_np.3c target=sem_timedwait.3c
1139 link path=usr/share/man/man3c/sem_trywait.3c target=sem_wait.3c
1140 link path=usr/share/man/man3c/sema_destroy.3c target=semaphore.3c
1141 link path=usr/share/man/man3c/sema_init.3c target=semaphore.3c
1142 link path=usr/share/man/man3c/sema_post.3c target=semaphore.3c
1143 link path=usr/share/man/man3c/sema_trywait.3c target=semaphore.3c
1144 link path=usr/share/man/man3c/sema_wait.3c target=semaphore.3c
1145 link path=usr/share/man/man3c/setattrat.3c target=fgetat.3c
1146 link path=usr/share/man/man3c/setgrent.3c target=getgrnam.3c
1147 link path=usr/share/man/man3c/sethostname.3c target=gethostname.3c
1148 link path=usr/share/man/man3c/setlinebuf.3c target=setbuffer.3c
1149 link path=usr/share/man/man3c/setlogmask.3c target=syslog.3c
1150 link path=usr/share/man/man3c/setnetgrent.3c target=getnetgrent.3c
1151 link path=usr/share/man/man3c/setpriority.3c target=getpriority.3c
1152 link path=usr/share/man/man3c/setpwnam.3c target=getpwnam.3c
1153 link path=usr/share/man/man3c/setsptent.3c target=getspnam.3c
1154 link path=usr/share/man/man3c/setstate.3c target=random.3c
1155 link path=usr/share/man/man3c/settimeofday.3c target=gettimeofday.3c
1156 link path=usr/share/man/man3c/setusershell.3c target=getusershell.3c
1157 link path=usr/share/man/man3c/setutent.3c target=getutent.3c
1158 link path=usr/share/man/man3c/setutxent.3c target=getutxent.3c
1159 link path=usr/share/man/man3c/setvbuf.3c target=setbuf.3c
1160 link path=usr/share/man/man3c/sfconvert.3c target=econvert.3c
1161 link path=usr/share/man/man3c/sgconvert.3c target=econvert.3c
1162 link path=usr/share/man/man3c/sig2str.3c target=str2sig.3c
1163 link path=usr/share/man/man3c/sigaddset.3c target=sigsetops.3c
1164 link path=usr/share/man/man3c/sigdelset.3c target=sigsetops.3c
1165 link path=usr/share/man/man3c/sigemptyset.3c target=sigsetops.3c
1166 link path=usr/share/man/man3c/sigfillset.3c target=sigsetops.3c
1167 link path=usr/share/man/man3c/sighold.3c target=signal.3c
1168 link path=usr/share/man/man3c/sigignore.3c target=signal.3c
1169 link path=usr/share/man/man3c/sigismember.3c target=sigsetops.3c
1170 link path=usr/share/man/man3c/siglongjmp.3c target=setjmp.3c
1171 link path=usr/share/man/man3c/sigpause.3c target=signal.3c
1172 link path=usr/share/man/man3c/sigrelse.3c target=signal.3c
1173 link path=usr/share/man/man3c/sigset.3c target=signal.3c
1174 link path=usr/share/man/man3c/sigsetjmp.3c target=setjmp.3c
1175 link path=usr/share/man/man3c/sigtimedwait.3c target=sigwaitinfo.3c
1176 link path=usr/share/man/man3c/single_to_decimal.3c \
1177 target=floating_to_decimal.3c

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1178 link path=usr/share/man/man3c/snprintf.3c target=printf.3c
1179 link path=usr/share/man/man3c/sprintf.3c target=printf.3c
1180 link path=usr/share/man/man3c/srand.3c target=rand.3c
1181 link path=usr/share/man/man3c/srand48.3c target=rand48.3c
1182 link path=usr/share/man/man3c/srandom.3c target=random.3c
1183 link path=usr/share/man/man3c/sscanf.3c target=scanf.3c
1184 link path=usr/share/man/man3c/stderr.3c target=stdio.3c
1185 link path=usr/share/man/man3c/stdin.3c target=stdio.3c
1186 link path=usr/share/man/man3c/stdout.3c target=stdio.3c
1187 link path=usr/share/man/man3c/strcasecmp.3c target=string.3c
1188 link path=usr/share/man/man3c/strcasecmp_l.3c target=string.3c
1189 link path=usr/share/man/man3c/strcat.3c target=string.3c
1190 link path=usr/share/man/man3c/strchr.3c target=string.3c
1191 link path=usr/share/man/man3c/strcmp.3c target=string.3c
1192 link path=usr/share/man/man3c/strcoll_l.3c target=strcoll.3c
1193 link path=usr/share/man/man3c/strcpy.3c target=string.3c
1194 link path=usr/share/man/man3c/strcspn.3c target=string.3c
1195 link path=usr/share/man/man3c/strdup.3c target=string.3c
1196 link path=usr/share/man/man3c/strfmon_l.3c target=strfmon.3c
1197 link path=usr/share/man/man3c/strftime_l.3c target=strftime.3c
1198 link path=usr/share/man/man3c/strerror_r.3c target=string.3c
1199 link path=usr/share/man/man3c/strlcat.3c target=string.3c
1200 link path=usr/share/man/man3c/strncpy.3c target=string.3c
1201 link path=usr/share/man/man3c/strlen.3c target=string.3c
1202 link path=usr/share/man/man3c/strncasecmp.3c target=string.3c
1203 link path=usr/share/man/man3c/strncasecmp_l.3c target=string.3c
1204 link path=usr/share/man/man3c/strncat.3c target=string.3c
1205 link path=usr/share/man/man3c/strncmp.3c target=string.3c
1206 link path=usr/share/man/man3c/strncpy.3c target=string.3c
1207 link path=usr/share/man/man3c/strnlen.3c target=string.3c
1208 link path=usr/share/man/man3c/strpbrk.3c target=string.3c
1209 link path=usr/share/man/man3c/strptime_l.3c target=string.3c
1210 link path=usr/share/man/man3c/strrchr.3c target=string.3c
1211 link path=usr/share/man/man3c/strsep.3c target=string.3c
1212 link path=usr/share/man/man3c/strspn.3c target=string.3c
1213 link path=usr/share/man/man3c/strstr.3c target=string.3c
1214 link path=usr/share/man/man3c/strtof.3c target=string.3c
1215 link path=usr/share/man/man3c/strtok.3c target=string.3c
1216 link path=usr/share/man/man3c/strtok_r.3c target=string.3c
1217 link path=usr/share/man/man3c/strtold.3c target=string.3c
1218 link path=usr/share/man/man3c/strtoll.3c target=string.3c
1219 link path=usr/share/man/man3c/strtoull.3c target=string.3c
1220 link path=usr/share/man/man3c/strtoimax.3c target=string.3c
1221 link path=usr/share/man/man3c/strxfrm_l.3c target=string.3c
1222 link path=usr/share/man/man3c/swapcontext.3c target=string.3c
1223 link path=usr/share/man/man3c/swprintf.3c target=string.3c
1224 link path=usr/share/man/man3c/swscanf.3c target=string.3c
1225 link path=usr/share/man/man3c/tdelete.3c target=string.3c
1226 link path=usr/share/man/man3c/tempnam.3c target=string.3c
1227 link path=usr/share/man/man3c/textdomain.3c target=string.3c
1228 link path=usr/share/man/man3c/tfind.3c target=string.3c
1229 link path=usr/share/man/man3c/thr_continue.3c target=string.3c
1230 link path=usr/share/man/man3c/thr_getspecific.3c target=string.3c
1231 link path=usr/share/man/man3c/thr_keycreate_once.3c target=string.3c
1232 link path=usr/share/man/man3c/thr_setconcurrency.3c \
1233     target=string.3c
1234 link path=usr/share/man/man3c/thr_setprio.3c target=string.3c
1235 link path=usr/share/man/man3c/thr_setspecific.3c target=string.3c
1236 link path=usr/share/man/man3c/timer_getoverrun.3c target=string.3c
1237 link path=usr/share/man/man3c/timer_gettime.3c target=string.3c
1238 link path=usr/share/man/man3c/timerclear.3c target=string.3c
1239 link path=usr/share/man/man3c/timercomp.3c target=string.3c
1240 link path=usr/share/man/man3c/timerisset.3c target=string.3c
1241 link path=usr/share/man/man3c/timersub.3c target=string.3c
1242 link path=usr/share/man/man3c/tmpnam_r.3c target=string.3c
1243 link path=usr/share/man/man3c/tolower_l.3c target=string.3c

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1244 link path=usr/share/man/man3c/toupper_l.3c target=string.3c
1245 link path=usr/share/man/man3c/towctrans.3c target=string.3c
1246 link path=usr/share/man/man3c/towctrans_l.3c target=string.3c
1247 link path=usr/share/man/man3c/towlower_l.3c target=string.3c
1248 link path=usr/share/man/man3c/toupper_l.3c target=string.3c
1249 link path=usr/share/man/man3c/ttyname_r.3c target=string.3c
1250 link path=usr/share/man/man3c/twalk.3c target=string.3c
1251 link path=usr/share/man/man3c/tzset.3c target=string.3c
1252 link path=usr/share/man/man3c/uconv_ul6tou8.3c target=string.3c
1253 link path=usr/share/man/man3c/uconv_u32tou16.3c target=string.3c
1254 link path=usr/share/man/man3c/uconv_u32tou8.3c target=string.3c
1255 link path=usr/share/man/man3c/uconv_u8tou16.3c target=string.3c
1256 link path=usr/share/man/man3c/uconv_u8tou32.3c target=string.3c
1257 link path=usr/share/man/man3c/ucred_free.3c target=string.3c
1258 link path=usr/share/man/man3c/ucred_getegid.3c target=string.3c
1259 link path=usr/share/man/man3c/ucred_geteuid.3c target=string.3c
1260 link path=usr/share/man/man3c/ucred_getgroups.3c target=string.3c
1261 link path=usr/share/man/man3c/ucred_getlabel.3c target=string.3c
1262 link path=usr/share/man/man3c/ucred_getpflags.3c target=string.3c
1263 link path=usr/share/man/man3c/ucred_getpid.3c target=string.3c
1264 link path=usr/share/man/man3c/ucred_getprivset.3c target=string.3c
1265 link path=usr/share/man/man3c/ucred_getprojid.3c target=string.3c
1266 link path=usr/share/man/man3c/ucred_getruid.3c target=string.3c
1267 link path=usr/share/man/man3c/ucred_getruid.3c target=string.3c
1268 link path=usr/share/man/man3c/ucred_getsgid.3c target=string.3c
1269 link path=usr/share/man/man3c/ucred_getsuid.3c target=string.3c
1270 link path=usr/share/man/man3c/ucred_getzoneid.3c target=string.3c
1271 link path=usr/share/man/man3c/ucred_size.3c target=string.3c
1272 link path=usr/share/man/man3c/ulckpwwd.3c target=string.3c
1273 link path=usr/share/man/man3c/ulltostr.3c target=string.3c
1274 link path=usr/share/man/man3c/unordered.3c target=string.3c
1275 link path=usr/share/man/man3c/updwtmp.3c target=string.3c
1276 link path=usr/share/man/man3c/updwtmpx.3c target=string.3c
1277 link path=usr/share/man/man3c/utmpname.3c target=string.3c
1278 link path=usr/share/man/man3c/utmpxname.3c target=string.3c
1279 link path=usr/share/man/man3c/valloc.3c target=string.3c
1280 link path=usr/share/man/man3c/vasprintf.3c target=string.3c
1281 link path=usr/share/man/man3c/verr.3c target=string.3c
1282 link path=usr/share/man/man3c/verrx.3c target=string.3c
1283 link path=usr/share/man/man3c/vfprintf.3c target=string.3c
1284 link path=usr/share/man/man3c/vfscanf.3c target=string.3c
1285 link path=usr/share/man/man3c/vfwscanf.3c target=string.3c
1286 link path=usr/share/man/man3c/vscanf.3c target=string.3c
1287 link path=usr/share/man/man3c/vsnprintf.3c target=string.3c
1288 link path=usr/share/man/man3c/vsprintf.3c target=string.3c
1289 link path=usr/share/man/man3c/vsscanf.3c target=string.3c
1290 link path=usr/share/man/man3c/vswprintf.3c target=string.3c
1291 link path=usr/share/man/man3c/vswscanf.3c target=string.3c
1292 link path=usr/share/man/man3c/vwarn.3c target=string.3c
1293 link path=usr/share/man/man3c/vwarnx.3c target=string.3c
1294 link path=usr/share/man/man3c/vwprintf.3c target=string.3c
1295 link path=usr/share/man/man3c/vwscanf.3c target=string.3c
1296 link path=usr/share/man/man3c/wait4.3c target=string.3c
1297 link path=usr/share/man/man3c/warn.3c target=string.3c
1298 link path=usr/share/man/man3c/warnx.3c target=string.3c
1299 link path=usr/share/man/man3c/watof.3c target=string.3c
1300 link path=usr/share/man/man3c/watoi.3c target=string.3c
1301 link path=usr/share/man/man3c/watol.3c target=string.3c
1302 link path=usr/share/man/man3c/watoll.3c target=string.3c
1303 link path=usr/share/man/man3c/wcrtomb_l.3c target=string.3c
1304 link path=usr/share/man/man3c/wcscat.3c target=string.3c
1305 link path=usr/share/man/man3c/wcschr.3c target=string.3c
1306 link path=usr/share/man/man3c/wcscmp.3c target=string.3c
1307 link path=usr/share/man/man3c/wcscoll_l.3c target=string.3c
1308 link path=usr/share/man/man3c/wcscpy.3c target=string.3c
1309 link path=usr/share/man/man3c/wcscspn.3c target=string.3c

```

1310 link path=usr/share/man/man3c/wcsetno.3c target=cset.3c
1311 link path=usr/share/man/man3c/wcslen.3c target=wcstring.3c
1312 link path=usr/share/man/man3c/wcsncat.3c target=wcstring.3c
1313 link path=usr/share/man/man3c/wcsncmp.3c target=wcstring.3c
1314 link path=usr/share/man/man3c/wcsncpy.3c target=wcstring.3c
1315 link path=usr/share/man/man3c/wcsnrtombs.3c target=wcsrtombs.3c
1316 link path=usr/share/man/man3c/wcsnrtombs.1.3c target=wcsrtombs.3c
1317 link path=usr/share/man/man3c/wcspbrk.3c target=wcstring.3c
1318 link path=usr/share/man/man3c/wcsrchr.3c target=wcstring.3c
1319 link path=usr/share/man/man3c/wcsrtombs.1.3c target=wcsrtombs.3c
1320 link path=usr/share/man/man3c/wcsspn.3c target=wcstring.3c
1321 link path=usr/share/man/man3c/wcstof.3c target=wcstod.3c
1322 link path=usr/share/man/man3c/wcstok.3c target=wcstring.3c
1323 link path=usr/share/man/man3c/wcstold.3c target=wcstod.3c
1324 link path=usr/share/man/man3c/wcstoll.3c target=wcstol.3c
1325 link path=usr/share/man/man3c/wcstoull.3c target=wcstoul.3c
1326 link path=usr/share/man/man3c/wcstoumax.3c target=wcstoimax.3c
1327 link path=usr/share/man/man3c/wcswcs.3c target=wcstring.3c
1328 link path=usr/share/man/man3c/wcswidth.1.3c target=wcswidth.3c
1329 link path=usr/share/man/man3c/wctob.1.3c target=wctob.3c
1330 link path=usr/share/man/man3c/wctomb.1.3c target=wctomb.3c
1331 link path=usr/share/man/man3c/wctrans.1.3c target=wctrans.3c
1332 link path=usr/share/man/man3c/wctype.1.3c target=wctype.3c
1333 link path=usr/share/man/man3c/wcwidth.1.3c target=wcwidth.3c
1334 link path=usr/share/man/man3c/windex.3c target=wcstring.3c
1335 link path=usr/share/man/man3c/wordfree.3c target=wordexp.3c
1336 link path=usr/share/man/man3c/wprintf.3c target=fwprintf.3c
1337 link path=usr/share/man/man3c/wrindex.3c target=wcstring.3c
1338 link path=usr/share/man/man3c/wscanf.3c target=fwscanf.3c
1339 link path=usr/share/man/man3c/wscasecmp.3c target=wstring.3c
1340 link path=usr/share/man/man3c/wscat.3c target=wcstring.3c
1341 link path=usr/share/man/man3c/wschr.3c target=wcstring.3c
1342 link path=usr/share/man/man3c/wscmp.3c target=wcstring.3c
1343 link path=usr/share/man/man3c/wscol.3c target=wstring.3c
1344 link path=usr/share/man/man3c/wscoll.3c target=wcscoll.3c
1345 link path=usr/share/man/man3c/wscopy.3c target=wcstring.3c
1346 link path=usr/share/man/man3c/wscspn.3c target=wcstring.3c
1347 link path=usr/share/man/man3c/wsdup.3c target=wstring.3c
1348 link path=usr/share/man/man3c/wslen.3c target=wcstring.3c
1349 link path=usr/share/man/man3c/wsncasecmp.3c target=wstring.3c
1350 link path=usr/share/man/man3c/wsncat.3c target=wcstring.3c
1351 link path=usr/share/man/man3c/wsncmp.3c target=wcstring.3c
1352 link path=usr/share/man/man3c/wsncpy.3c target=wcstring.3c
1353 link path=usr/share/man/man3c/wspbrk.3c target=wcstring.3c
1354 link path=usr/share/man/man3c/wsrchr.3c target=wcstring.3c
1355 link path=usr/share/man/man3c/wssp.3c target=wcstring.3c
1356 link path=usr/share/man/man3c/wstod.3c target=wcstod.3c
1357 link path=usr/share/man/man3c/wstok.3c target=wcstring.3c
1358 link path=usr/share/man/man3c/wstol.3c target=wcstol.3c
1359 link path=usr/share/man/man3c/wstolstr.3c target=strows.3c
1360 link path=usr/share/man/man3c/wsxf.3c target=wcxf.3c

new/usr/src/pkg/manifests/system-test-libctest.mf

1

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new/usr/src/pkg/manifests/system-test-libctest.mf

4964 nl_langinfo(CRNCYSTR) returns wrong alignment character

4999 libc test suite enhancements

4939 desire wcsrntombs() function

Reviewed by: Jason King <jason.brian.king@gmail.com>

Reviewed by: Dan McDonald <danmcd@omniti.com>

Reviewed by: Igor Kozhukhov <ikozhukhov@gmail.com>

Approved by: TBD

```
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14 # Copyright 2014, OmniTI Computer Consulting, Inc. All rights reserved.
15 # Copyright 2014 Garrett D'Amore <garrett@damore.org>
16 #
17 #
18 set name=pkg.fmri value=pkg:/system/test/libctest@${PKGVERS}
19 set name=pkg.description value="C library Unit Tests"
20 set name=pkg.summary value="C Library Unit Test Suite"
21 set name=info.classification \
22     value=org.opensolaris.category.2008:Development/System
23 set name=variant.arch value=${ARCH}
24 dir path=opt/libc-tests
25 dir path=opt/libc-tests/bin
26 dir path=opt/libc-tests/runfiles
27 dir path=opt/libc-tests/tests
28 file path=opt/libc-tests/README mode=0444
29 file path=opt/libc-tests/bin/libctest mode=0555
30 file path=opt/libc-tests/runfiles/default.run mode=0444
31 file path=opt/libc-tests/tests/newlocale_test mode=0555
32 ${i386_ONLY}file path=opt/libc-tests/tests/newlocale_test.amd64 mode=0555
33 ${i386_ONLY}file path=opt/libc-tests/tests/newlocale_test.i386 mode=0555
34 ${sparc_ONLY}file path=opt/libc-tests/tests/newlocale_test.sparc mode=0555
35 ${sparc_ONLY}file path=opt/libc-tests/tests/newlocale_test.sparcv9 mode=0555
36 file path=opt/libc-tests/tests/nl_langinfo_test mode=0555
37 ${i386_ONLY}file path=opt/libc-tests/tests/nl_langinfo_test.amd64 mode=0555
38 ${i386_ONLY}file path=opt/libc-tests/tests/nl_langinfo_test.i386 mode=0555
39 ${sparc_ONLY}file path=opt/libc-tests/tests/nl_langinfo_test.sparc mode=0555
40 ${sparc_ONLY}file path=opt/libc-tests/tests/nl_langinfo_test.sparcv9 mode=0555
41 file path=opt/libc-tests/tests/wcsrntombs_test mode=0555
42 ${i386_ONLY}file path=opt/libc-tests/tests/wcsrntombs_test.amd64 mode=0555
43 ${i386_ONLY}file path=opt/libc-tests/tests/wcsrntombs_test.i386 mode=0555
44 ${sparc_ONLY}file path=opt/libc-tests/tests/wcsrntombs_test.sparc mode=0555
45 ${sparc_ONLY}file path=opt/libc-tests/tests/wcsrntombs_test.sparcv9 mode=0555
46 license lic_CDDL license=lic_CDDL
47 depend fmri=locale/de type=require
48 depend fmri=locale/en type=require
49 depend fmri=locale/en-extra type=require
50 depend fmri=locale/ja type=require
51 depend fmri=locale/ru type=require
52 depend fmri=system/test/testrunner type=require
```



```

*****
2455 Mon Jul 14 17:48:00 2014
new/usr/src/test/libc-tests/doc/README
4964 nl_langinfo(CRNCYSTR) returns wrong alignment character
4999 libc test suite enhancements
4939 desire wcsnrtombs() function
Reviewed by: Jason King <jason.brian.king@gmail.com>
Reviewed by: Dan McDonald <danmcd@omniti.com>
Reviewed by: Igor Kozhukhov <ikozhukhov@gmail.com>
Approved by: TBD
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11 #
12 #
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14 # Copyright (c) 2012 by Delphix. All rights reserved.
15 #
16 #
17 libc Unit Test Suite README
18 #
19 1. What this Unit Test Suite tests
20 2. Building and installing this Unit Test Suite
21 3. Running this Unit Test Suite
22 4. Test results
23 #
24 -----
25 1. What this Unit Test Suite tests
26 #
27 This Unit Test Suite is for testing various libc interfaces. The suite
28 will test both 32 and 64 bit versions, provided that your kernel supports
29 both.
30 This Unit Test Suite is for testing various libc interfaces.
31 #
32 2. Building and installing this Unit Test Suite
33 #
34 This Test Suite runs under the testrunner framework (which can be installed
35 as pkg:/system/test/testrunner). To build both this Unit Test Suite and the
36 testrunner without running a full nightly:
37 #
38 build_machine$ bldenv [-d] <your_env_file>
39 build_machine$ cd $SRC/test
40 build_machine$ dmake install
41 build_machine$ cd $SRC/pkg
42 build_machine$ dmake install
43 #
44 Then set the publisher on the test machine to point to your repository and
45 install the Utils Unit Test Suite.
46 #
47 test_machine# pkg install pkg:/system/test/libctest
48 #
49 Note, the framework will be installed automatically, as this test suite
50 depends on it.
51 #
52 Additionally some text locales are required, specifically, en_US.UTF-8,
53 de_DE.UTF-8, ja_JP.UTF-8, and ru_RU.UTF-8. Again, these are listed as
54 dependencies and will be automatically installed.

```

56 3. Running this Unit Test Suite

```

57 The pre-requisites for running the this Unit Test Suite are:
58 - Any user may perform these tests.
59 - The en_US.UTF-8, en_GB.ISO8859-15, ja_JP.UTF-8, de_DE.UTF-8, and
60 ru_RU.UTF-8 locales must be installed.
61 - The en_US.UTF-8, ja_JP.UTF-8, de_DE.UTF-8, and ru_RU.UTF-8 locales
58 must be installed.
59

```

```

62 Once the pre-requisites are satisfied, simply run the libctest script:
63 Once the pre-requisites are satisfied, simply run the ostest script:

```

```

64
65 test_machine$ /opt/libc-tests/bin/libctest
66
67 test_machine$ /opt/util-tests/bin/libctest

```

67 4. Test results

```

68 While the Unit Test Suite is running, one informational line is printed at
69 the end of each test, and a results summary is printed at the end of the run.
70 The results summary includes the location of the complete logs, which is of the
71 form /var/tmp/test_results/<ISO 8601 date>.
72

```

new/usr/src/test/libc-tests/runfiles/default.run

1

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new/usr/src/test/libc-tests/runfiles/default.run

4964 nl_langinfo(CRNCYSTR) returns wrong alignment character

4999 libc test suite enhancements

4939 desire wcsnrtombs() function

Reviewed by: Jason King <jason.brian.king@gmail.com>

Reviewed by: Dan McDonald <danmcd@omniti.com>

Reviewed by: Igor Kozhukhov <ikozhukhov@gmail.com>

Approved by: TBD

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10 #
```

```
12 #
13 # Copyright (c) 2012 by Delphix. All rights reserved.
14 # Copyright 2014 Garrett D'Amore <garrett@damore.org>
15 #
```

```
17 [DEFAULT]
18 pre =
19 verbose = False
20 quiet = False
21 timeout = 60
22 post =
23 outputdir = /var/tmp/test_results
```

```
25 [/opt/libc-tests/tests/newlocale_test]
```

```
27 [/opt/libc-tests/tests/nl_langinfo_test]
```

```
29 [/opt/libc-tests/tests/wcsnrtombs_test]
```

new/usr/src/test/libc-tests/tests/Makefile

1

623 Mon Jul 14 17:48:00 2014

new/usr/src/test/libc-tests/tests/Makefile

4964 nl_langinfo(CRNCYSTR) returns wrong alignment character

4999 libc test suite enhancements

4939 desire wcsnrtombs() function

Reviewed by: Jason King <jason.brian.king@gmail.com>

Reviewed by: Dan McDonald <danmcd@omniti.com>

Reviewed by: Igor Kozhukhov <ikozhukhov@gmail.com>

Approved by: TBD

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10 #

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15 #

17 SUBDIRS = newlocale nl_langinfo wcsnrtombs

17 SUBDIRS = newlocale

19 include \$(SRC)/Makefile.master

20 include \$(SRC)/test/Makefile.com

new/usr/src/test/libc-tests/tests/Makefile.com

1

2185 Mon Jul 14 17:48:00 2014
new/usr/src/test/libc-tests/tests/Makefile.com
4964 nl_langinfo(CRNCYSTR) returns wrong alignment character
4999 libc test suite enhancements
4939 desire wcsnrtoombs() function
Reviewed by: Jason King <jason.brian.king@gmail.com>
Reviewed by: Dan McDonald <dancd@omniti.com>
Reviewed by: Igor Kozhukhov <ikozhukhov@gmail.com>
Approved by: TBD

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10 #
11 #
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13 # Copyright (c) 2012 by Delphix. All rights reserved.
14 # Copyright 2014 Garrett D'Amore <garrett@damore.org>
15 #
16 #
17 include $(SRC)/Makefile.master
18 include $(SRC)/cmd/Makefile.cmd
19 include $(SRC)/test/Makefile.com
20 #
21 $(OBJVS_OVERRIDE)OBJS = $(PROG).o test_common.o
22 OBJVS32 = $(OBJVS:%.o=%.$(MACH).o)
23 PROG32 = $(PROG).$(MACH)
24 #
25 $(BUILD64) OBJVS64 = $(OBJVS:%.o=%.$(MACH64).o)
26 $(BUILD64) PROG64 = $(PROG).$(MACH64)
27 #
28 $(OBJVS_OVERRIDE)SRCS = $(PROG).c ../common/test_common.c
29 #
30 C99MODE = -xc99=%all
31 LINTFLAGS += -I../common -DARCH=\"ARCH\" -DLINT
32 CPPFLAGS += -I../common
33 #
34 ROOTOPTPKG = $(ROOT)/opt/libc-tests
35 TESTDIR = $(ROOTOPTPKG)/tests
36 #
37 CMDS = $(PROG32:%=$(TESTDIR)/%) $(PROG64:%=$(TESTDIR)/%) \
38       $(KSHPROG:%=$(TESTDIR)/%) $(ARCHPROG:%=$(TESTDIR)/%)
39 $(CMDS) := FILEMODE = 0555
40 #
41 all: $(PROG32) $(PROG64) $(KSHPROG) $(ARCHPROG) $(SUBDIRS)
42 #
43 $(PROG32): $(OBJVS32)
44     $(LINK.c) $(OBJVS32) -o $@ $(LDLIBS)
45     $(POST_PROCESS)
46 #
47 $(PROG64): $(OBJVS64)
48     $(LINK64.c) $(OBJVS64) -o $@ $(LDLIBS64)
49     $(POST_PROCESS)
50 #
51 $(KSHPROG): $(KSHPROG).ksh
52     $(RM) $@
53     $(CP) $(KSHPROG).ksh $@
54     $(CHMOD) +x $@
```

new/usr/src/test/libc-tests/tests/Makefile.com

2

```
56 $(ARCHPROG): ../common/run_arch_tests.ksh
57     $(RM) $@
58     $(CP) ../common/run_arch_tests.ksh $@
59     $(CHMOD) +x $@
60 #
61 %.$(MACH).o: %.c
62     $(COMPILE.c) -o $@ $(CFLAGS_$(MACH)) -DARCH=\"$(MACH)\" $<
63 #
64 %.$(MACH).o: ../common/%.c
65     $(COMPILE.c) -o $@ $(CFLAGS_$(MACH)) -DARCH=\"$(MACH)\" $<
66 #
67 %.$(MACH64).o: %.c
68     $(COMPILE64.c) -o $@ $(CFLAGS_$(MACH64)) -DARCH=\"$(MACH64)\" $<
69 #
70 %.$(MACH64).o: ../common/%.c
71     $(COMPILE64.c) -o $@ $(CFLAGS_$(MACH64)) -DARCH=\"$(MACH64)\" $<
72 #
73 install: $(SUBDIRS) $(CMDS)
74 #
75 lint: lint_SRCS
76 #
77 clobber: clean
78     -$(RM) $(PROG32) $(PROG64) $(KSHPROG) $(ARCHPROG)
79 #
80 clean:
81     -$(RM) $(OBJS32) $(OBJS64)
82 #
83 $(CMDS): $(TESTDIR) $(PROG32) $(PROG64) $(KSHPROG) $(ARCHPROG)
84 #
85 $(TESTDIR):
86     $(INS.dir)
87 #
88 $(TESTDIR)/%: %
89     $(INS.file)
```

new/usr/src/test/libc-tests/tests/common/run_arch_tests.ksh

1

```
*****
1387 Mon Jul 14 17:48:00 2014
new/usr/src/test/libc-tests/tests/common/run_arch_tests.ksh
4964 nl_langinfo(CRNCYSTR) returns wrong alignment character
4999 libc test suite enhancements
4939 desire wcsnrtombs() function
Reviewed by: Jason King <jason.brian.king@gmail.com>
Reviewed by: Dan McDonald <danmcd@omniti.com>
Reviewed by: Igor Kozhukhov <ikozhukhov@gmail.com>
Approved by: TBD
*****
```

```
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2 #
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16 #
17 #
18 # First we set $dir to dirname $0, and $prog to basename $0 .ksh,
19 # using efficient ksh builtins.
20 case $0 in
21 /*)
22     dir=${0%/*}
23     prog=${0##*/}
24     ;;
25 *)
26     dir=.
27     prog=${0}
28     ;;
29 esac
30 prog=${prog%.ksh}
31 #
32 for a in $*
33 do
34     if [[ $a == "-d" ]]
35     then
36         debug=yes
37     fi
38 done
39 #
40 # We look for architecture specific versions of the program,
41 # searching in several candidate directories. We run each one as
42 # we find it.
43 for f in $(/usr/bin/isainfo)
44 do
45     found=
46     [[ -n $debug ]] && print "Checking for arch $f:"
47     for p in \
48         ${dir}/${prog}.${f} \
49         ${dir}/${f}/${prog}.${f} \
50         ${dir}/${f}/${prog}
51     do
52         [[ -n $found ]] && continue
53         [[ -n $debug ]] && print -n "    $p"
54         if [[ -f $p ]]; then
55             [[ -n $debug ]] && print " FOUND"
```

new/usr/src/test/libc-tests/tests/common/run_arch_tests.ksh

2

```
56     [[ -n $debug ]] && print "Executing $p $*"
57     found=yes
58     $p $* || exit 1
59     else
60         [[ -n $debug ]] && print
61     fi
62 done
63 [[ -z $found ]] && [[ -n $debug ]] && print "NOT PRESENT"
64 done
65 exit 0
```

new/usr/src/test/libc-tests/tests/common/test_common.c

1

```
*****
3843 Mon Jul 14 17:48:00 2014
new/usr/src/test/libc-tests/tests/common/test_common.c
4964 nl_langinfo(CRNCYSTR) returns wrong alignment character
4999 libc test suite enhancements
4939 desire wcsnrtombs() function
Reviewed by: Jason King <jason.brian.king@gmail.com>
Reviewed by: Dan McDonald <dammcd@omniti.com>
Reviewed by: Igor Kozhukhov <ikozhukhov@gmail.com>
Approved by: TBD
*****
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 */
12 /*
13  * Copyright 2014 Garrett D'Amore <garrett@damore.org>
14  */
16 /*
17  * Common handling for test programs.
18  */
20 #include <stdio.h>
21 #include <stdlib.h>
22 #include <stdarg.h>
23 #include <pthread.h>
24 #include "test_common.h"
26 static int debug = 0;
27 static int force = 0;
28 static pthread_mutex_t lk;
30 struct test {
31     char        *name;
32     int         ntids;
33     pthread_t   *tids;
34     int         fails;
35     void        *arg;
36     void        (*func)(test_t t, void *);
37 };
39 void
40 test_set_debug(void)
41 {
42     debug++;
43 }
45 void
46 test_set_force(void)
47 {
48     force++;
49 }
51 test_t
52 test_start(const char *format, ...)
53 {
54     va_list args;
55     test_t t;
```

new/usr/src/test/libc-tests/tests/common/test_common.c

2

```
56     char *s;
58     t = calloc(1, sizeof (*t));
59     va_start(args, format);
60     (void) vasprintf(&s, format, args);
61     va_end(args);
63     (void) asprintf(&t->name, "%s (%s)", s, ARCH);
64     free(s);
66     (void) pthread_mutex_lock(&lk);
67     (void) printf("TEST STARTING %s:\n", t->name);
68     (void) fflush(stdout);
69     (void) pthread_mutex_unlock(&lk);
71 #ifdef LINT
72     /* We inject references to make avoid name unused warnings */
73     test_run(0, NULL, NULL, NULL);
74     test_debugf(t, NULL);
75     test_failed(t, NULL);
76     test_passed(t);
77     test_set_debug();
78     test_set_force();
79 #endif
81     return (t);
83 }
85 void
86 test_failed(test_t t, const char *format, ...)
87 {
88     va_list args;
90     (void) pthread_mutex_lock(&lk);
91     if (force || (t->ntids > 0)) {
92         (void) printf("TEST FAILING %s: ", t->name);
93     } else {
94         (void) printf("TEST FAILED %s: ", t->name);
95     }
97     va_start(args, format);
98     (void) vprintf(format, args);
99     va_end(args);
100     (void) printf("\n");
101     (void) fflush(stdout);
102     (void) pthread_mutex_unlock(&lk);
104     t->fails++;
105     if (!force) {
106         if (t->ntids > 0) {
107             pthread_exit(NULL);
108         } else {
109             (void) exit(EXIT_FAILURE);
110         }
111     }
112 }
114 void
115 test_passed(test_t t)
116 {
117     if (t->ntids > 0) {
118         if (debug) {
119             (void) pthread_mutex_lock(&lk);
120             (void) printf("TEST PASSING: %s\n", t->name);
121             (void) pthread_mutex_unlock(&lk);
```

```

122     }
123     return;
124 }
125 (void) pthread_mutex_lock(&lk);
126 if (t->fails == 0) {
127     (void) printf("TEST PASS: %s\n", t->name);
128 } else {
129     (void) printf("TEST FAILED: %d failures\n", t->fails);
130 }
131 (void) fflush(stdout);
132 (void) pthread_mutex_unlock(&lk);
133 free(t->name);
134 if (t->tids) {
135     free(t->tids);
136 }
137 free(t);
138 }

140 void
141 test_debugf(test_t t, const char *format, ...)
142 {
143     va_list args;

144     if (!debug)
145         return;

146     (void) pthread_mutex_lock(&lk);
147     (void) printf("TEST DEBUG %s: ", t->name);

148     va_start(args, format);
149     (void) vprintf(format, args);
150     va_end(args);
151     (void) printf("\n");
152     (void) fflush(stdout);
153     (void) pthread_mutex_unlock(&lk);
154 }

155 static void *
156 test_thr_one(void *arg)
157 {
158     test_t t = arg;
159     t->func(t, t->arg);
160     return (NULL);
161 }

162 void
163 test_run(int nthr, void (*func)(test_t, void *), void *arg,
164         const char *tname, ...)
165 {
166     test_t t;
167     char *s;
168     va_list args;

169     t = calloc(1, sizeof(*t));
170     t->ntids = nthr;
171     t->tids = calloc(nthr, sizeof(pthread_t));
172     t->func = func;
173     t->arg = arg;

174     va_start(args, tname);
175     (void) vasprintf(&s, tname, args);
176     va_end(args);

177     (void) asprintf(&t->name, "%s (%s)", s, ARCH);
178     free(s);

```

```

188     (void) pthread_mutex_lock(&lk);
189     (void) printf("TEST STARTING %s:\n", t->name);
190     (void) fflush(stdout);
191     (void) pthread_mutex_unlock(&lk);

192     test_debugf(t, "running %d threads", nthr);

193     for (int i = 0; i < nthr; i++) {
194         test_debugf(t, "started thread %d", i);
195         (void) pthread_create(&t->tids[i], NULL, test_thr_one, t);
196     }

197     for (int i = 0; i < nthr; i++) {
198         (void) pthread_join(t->tids[i], NULL);
199         test_debugf(t, "thread %d joined", i);
200         t->ntids--;
201     }
202     test_passed(t);
203 }

```

new/usr/src/test/libc-tests/tests/common/test_common.h

1

```
*****
1083 Mon Jul 14 17:48:00 2014
new/usr/src/test/libc-tests/tests/common/test_common.h
4964 nl_langinfo(CRNCYSTR) returns wrong alignment character
4999 libc test suite enhancements
4939 desire wcsnrtombs() function
Reviewed by: Jason King <jason.brian.king@gmail.com>
Reviewed by: Dan McDonald <dammcd@omniti.com>
Reviewed by: Igor Kozhukhov <ikozhukhov@gmail.com>
Approved by: TBD
*****
```

```
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8  * source. A copy of the CDDL is also available via the Internet at
9  * http://www.illumos.org/license/CDDL.
10 */

12 /*
13  * Copyright 2014 Garrett D'Amore <garrett@damore.org>
14  */

16 /*
17  * Common handling for test programs.
18  */

20 #ifndef _TEST_COMMON_H
21 #define _TEST_COMMON_H

23 #ifdef __cplusplus
24 extern "C" {
25 #endif

27 typedef struct test *test_t;
28 typedef void (*test_func_t)(test_t, void *);

30 extern void test_set_debug(void);
31 extern void test_set_force(void);
32 extern test_t test_start(const char *name, ...);
33 extern void test_failed(test_t, const char *format, ...);
34 extern void test_passed(test_t);
35 extern void test_debugf(test_t, const char *format, ...);
36 extern void test_run(int nthr, test_func_t, void *arg, const char *, ...);

38 #ifdef __cplusplus
39 }
40 #endif
41 #endif /* _TEST_COMMON_H */
```


new/usr/src/test/libc-tests/tests/newlocale/Makefile

1

567 Mon Jul 14 17:48:01 2014

new/usr/src/test/libc-tests/tests/newlocale/Makefile

4964 nl_langinfo(CRNCYSTR) returns wrong alignment character

4999 libc test suite enhancements

4939 desire wcsnrtoombs() function

Reviewed by: Jason King <jason.brian.king@gmail.com>

Reviewed by: Dan McDonald <dammcd@omniti.com>

Reviewed by: Igor Kozhukhov <ikozhukhov@gmail.com>

Approved by: TBD

```
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9 # http://www.illumos.org/license/CDDL.
10 #
```

```
12 #
13 # Copyright (c) 2012 by Delphix. All rights reserved.
13 # Copyright 2014 Garrett D'Amore <garrett@damore.org>
14 #
```

```
16 include $(SRC)/Makefile.master
17 include $(SRC)/cmd/Makefile.cmd
18 include $(SRC)/test/Makefile.com
```

```
18 PROG = newlocale_test
19 ARCHPROG = newlocale_test
21 OBJS = $(PROG:%=%.o)
22 SRCS = $(OBJS:%.o=%c)
```

```
21 include ../Makefile.com
24 C99MODE = -xc99=%all
```

```
26 ROOTOPTPKG = $(ROOT)/opt/libc-tests
27 TESTDIR = $(ROOTOPTPKG)/tests
```

```
29 CMDS = $(PROG:%=$(TESTDIR)/%)
30 $(CMDS) := FILEMODE = 0555
```

```
32 all: $(PROG)
```

```
34 $(PROG): $(OBJS)
35     $(LINK.c) $(OBJS) -o $@ $(LDLIBS)
36     $(POST_PROCESS)
```

```
38 %.o: ../%.c
39     $(COMPILE.c) $<
```

```
41 install: all $(CMDS)
```

```
43 lint: lint_SRCS
```

```
45 clobber: clean
46     -$(RM) $(PROG)
```

```
48 clean:
49     -$(RM) $(OBJS)
```

```
51 $(CMDS): $(TESTDIR) $(PROG)
```

new/usr/src/test/libc-tests/tests/newlocale/Makefile

2

```
53 $(TESTDIR):
54     $(INS.dir)
```

```
56 $(TESTDIR)/%: %
57     $(INS.file)
```

new/usr/src/test/libc-tests/tests/newlocale/newlocale_test.c

1

```
*****
6070 Mon Jul 14 17:48:01 2014
new/usr/src/test/libc-tests/tests/newlocale/newlocale_test.c
4964 nl_langinfo(CRNCYSTR) returns wrong alignment character
4999 libc test suite enhancements
4939 desire wcsnrtoombs() function
Reviewed by: Jason King <jason.brian.king@gmail.com>
Reviewed by: Dan McDonald <danmcd@omniti.com>
Reviewed by: Igor Kozhukhov <ikozhukhov@gmail.com>
Approved by: TBD
*****
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8  * source. A copy of the CDDL is also available via the Internet at
9  * http://www.illumos.org/license/CDDL.
10 */
12 /*
13  * Copyright 2014 Garrett D'Amore <garrett@damore.org>
14  */
16 /*
17  * This program tests that newlocale and uselocale work properly in
18  * multi-threaded programs. In order for it to work, it requires that
19  * some additional locales be installed.
20  */
22 #include <stdio.h>
23 #include <stdlib.h>
24 #include <string.h>
25 #include <locale.h>
26 #include <libintl.h>
27 #include <langinfo.h>
28 #include <nl_types.h>
29 #include <err.h>
30 #include <unistd.h>
31 #include <pthread.h>
32 #include <note.h>
33 #include "test_common.h"
34
35 int debug = 0;
36
37 /*
38  * Note that on some platforms, different symbols are used. For example,
39  * MacOS Mavericks uses "Eu" for Euro symbol, instead of â €. If the locale
40  * data changes, then this program will need to update to reflect that.
41  */
42 struct ldata {
43     const char *locale;
44     const char *day1;
45     const char *cursym;
46 } ldata[] = {
47     unchanged portion omitted
48
49 #define NUM_LDATA      5
50 #define NUMTHR        20
51 #define NUMITR        200
52
53 int extra_debug = 0;
54 static void
55 test_start(const char *testName, const char *format, ...)
```

new/usr/src/test/libc-tests/tests/newlocale/newlocale_test.c

2

```
58 {
59     va_list args;
60
61 void
62 testlocale_thr_one(test_t t, void *arg)
63     (void) printf("TEST STARTING %s: ", testName);
64
65     va_start(args, format);
66     (void) vprintf(format, args);
67     va_end(args);
68     (void) fflush(stdout);
69 }
70
71 static void
72 test_failed(const char *testName, const char *format, ...)
73 {
74     NOTE(ARGUNUSED(arg));
75     va_list args;
76
77     (void) printf("TEST FAILED %s: ", testName);
78
79     va_start(args, format);
80     (void) vprintf(format, args);
81     va_end(args);
82
83     (void) exit(-1);
84 }
85
86 static void
87 test_passed(const char *testName)
88 {
89     (void) printf("TEST PASS: %s\n", testName);
90     (void) fflush(stdout);
91 }
92
93 void *
94 testlocale_thr(void *ptr)
95 {
96     locale_t      cloc, loc;
97     struct lconv  *lc;
98     char          *day;
99     char          *tname = ptr;
100
101     for (int i = 0; i < NUMITR; i++) {
102         struct ldata *l = &ldata[i % NUM_LDATA];
103         cloc = uselocale(NULL);
104
105         loc = newlocale(LC_ALL_MASK, l->locale, NULL);
106         if (loc == NULL) {
107             test_failed(t, "newlocale %s failed", l->locale);
108             test_failed("newlocale %s failed", l->locale);
109         }
110         day = nl_langinfo_l(DAY_1, loc);
111         if (strcmp(day, l->day1) != 0) {
112             test_failed(t, "newlocale data mismatch (%s != %s)",
113                 test_failed(tname, "newlocale data mismatch (%s != %s)",
114                     day, l->day1);
115         }
116         if (extra_debug)
117             test_debugf(t, "DAY1: %s", day);
118         if (debug)
119             (void) printf("DAY1: %s\n", day);
120
121         day = nl_langinfo(DAY_1);
122         if (strcmp(day, "Sunday") != 0) {
123             test_failed(t, "C locale day wrong %s != Sunday",
```

```

116     test_failed(tname, "C locale day wrong %s != Sunday",
85         day);
86     }
87     lc = localeconv();
88     if (strcmp(lc->currency_symbol, "") != 0) {
89         test_failed(t, "C cursym mismatch (%s != %s)",
121         test_failed(tname, "C cursym mismatch (%s != %s)",
90             lc->currency_symbol, "");
91     }

93     /* we sleep a random bit to mix it up */
94     (void) usleep(rand() % 10);

96     (void) uselocale(loc);
97     day = nl_langinfo(DAY_1);
98     if (strcmp(day, l->day1) != 0) {
99         test_failed(t, "uselocale data mismatch (%s != %s)",
131         test_failed(tname, "uselocale data mismatch (%s != %s)",
100             day, l->day1);
101     }

103     lc = localeconv();
104     if (strcmp(lc->currency_symbol, l->cursym) != 0) {
105         test_failed(t, "uselocal cursym %s != %s",
137         test_failed(tname, "uselocal cursym %s != %s",
106             lc->currency_symbol, l->cursym);
107     }
108     if (extra_debug)
109         test_debugf(t, "CSYM: %s", lc->currency_symbol);
140     if (debug)
141         (void) printf("CSYM: %s\n", lc->currency_symbol);

111     /* we sleep a random bit to mix it up */
112     (void) usleep(rand() % 10);

114     if (uselocale(cloc) != loc) {
115         test_failed(t, "revert old locale mismatch");
147         test_failed(tname, "revert old locale mismatch");
116     }
117     freelocale(loc);
118     if (uselocale(LC_GLOBAL_LOCALE) != cloc) {
119         test_failed(t, "revert GLOBAL_LOCALE mismatch");
151         test_failed(tname, "revert GLOBAL_LOCALE mismatch");
120     }
121     }
122     test_passed(t);
154     return (NULL);
123 }

126 void
127 test_newlocale_threaded(void)
159 testlocale(void)
128 {
129     test_run(NUMTHR, testlocale_thr_one, NULL, "newlocale_threaded");
130 }
161     char *tname = "newlocale/uselocale";
162     pthread_t tid[NUMTHR];

132 void
133 test_newlocale_negative(void)
134 {
135     locale_t loc, bad;
136     char *day;
137     char *tname = "newlocale_negative";
138     test_t t;

```

```

164     test_start(tname, "running %d threads %d iterations\n", NUMTHR, NUMITR);

140     t = test_start(tname);
141     loc = newlocale(LC_ALL_MASK, "de_DE.UTF-8", NULL);
142     if (loc == NULL) {
143         test_failed(t, "cannot set de_DE.UTF-8");
166     for (int i = 0; i < NUMTHR; i++) {
167         (void) pthread_create(&tid[i], NULL, testlocale_thr, tname);
144     }
145     day = nl_langinfo_l(DAY_1, loc);
146     if (strcmp(day, "Sonntag") != 0) {
147         test_failed(t, "incorrect Sonntag != %s", day);
148     }

150     bad = newlocale(LC_ALL_MASK, "cn_US.BIZRRE", loc);
151     if (bad != NULL) {
152         test_failed(t, "passed setting bogus locale");
170     for (int i = 0; i < NUMTHR; i++) {
171         (void) pthread_join(tid[i], NULL);
153     }
154     day = nl_langinfo_l(DAY_1, loc);
155     if (strcmp(day, "Sonntag") != 0) {
156         test_failed(t, "incorrect Sonntag != %s", day);
157     }
158     test_passed(t);
173     test_passed(tname);
159 }

161 void
162 test_newlocale_categories(void)
163 {
164     locale_t loc;
165     char *day, *cur, *yes;
166     char *tname = "newlocale_categories";
167     test_t t;

169     t = test_start(tname);

171     loc = NULL;
172     loc = newlocale(LC_TIME_MASK, "de_DE.UTF-8", loc);
173     loc = newlocale(LC_MESSAGES_MASK, "ru_RU.UTF-8", loc);
174     loc = newlocale(LC_MONETARY_MASK, "en_US.UTF-8", loc);

176     if (loc == NULL) {
177         test_failed(t, "failed to set locale");
178     }

180     day = nl_langinfo_l(DAY_1, loc);
181     if ((day == NULL) || (strcmp(day, "Sonntag") != 0)) {
182         test_failed(t, "day1 mismatch %s != %s", day, "Sonntag");
183     }
184     yes = nl_langinfo_l(YESSTR, loc);
185     if ((yes == NULL) || (strcmp(yes, "--") != 0)) {
186         test_failed(t, "currency mismatch");
187     }
188     cur = nl_langinfo_l(CRNCYSTR, loc);
189     if ((cur == NULL) || (strcmp(cur, "-$") != 0)) {
190         test_failed(t, "currency mismatch [%s] != [%s]", cur, "-$");
191     }

193     test_passed(t);
194 }

196 void
197 test_newlocale_composite(void)
198 {

```

```

199     locale_t loc;
200     char *day, *cur, *yes;
201     char *tname = "newlocale_composite";
202     test_t t;

204     t = test_start(tname);

206     /* order: CTYPE/NUMERIC/TIME/COLLATE/MONETARY/MESSAGES */
207     loc = newlocale(LC_ALL_MASK,
208                   "C/C/de_DE.UTF-8/C/en_US.UTF-8/ru_RU.UTF-8", NULL);

210     if (loc == NULL) {
211         test_failed(t, "failed to set composite locale");
212     }

214     day = nl_langinfo_l(DAY_1, loc);
215     if ((day == NULL) || (strcmp(day, "Sonntag") != 0)) {
216         test_failed(t, "day1 mismatch %s != %s", day, "Sonntag");
217     }
218     yes = nl_langinfo_l(YESSTR, loc);
219     if ((yes == NULL) || (strcmp(yes, "--°") != 0)) {
220         test_failed(t, "currency mismatch");
221     }
222     cur = nl_langinfo_l(CRNCYSTR, loc);
223     if ((cur == NULL) || (strcmp(cur, "-$") != 0)) {
224         test_failed(t, "currency mismatch [%s] != [%s]", cur, "-$");
225     }

227     test_passed(t);
228 }

```

```

230 int
231 main(int argc, char **argv)
232 {
233     int optc;

235     while ((optc = getopt(argc, argv, "Ddf")) != EOF) {
181     while ((optc = getopt(argc, argv, "d")) != EOF) {
236         switch (optc) {
237             case 'd':
238                 test_set_debug();
184                 debug++;
239                 break;
240             case 'f':
241                 test_set_force();
242                 break;
243             case 'D':
244                 test_set_debug();
245                 extra_debug++;
246                 break;
247             default:
248                 (void) fprintf(stderr, "Usage: %s [-df]\n", argv[0]);
187                 (void) fprintf(stderr, "Usage: %s [-d]\n", argv[0]);
249                 exit(1);
250         }
251     }

```

```

253     test_newlocale_threaded();
254     test_newlocale_negative();
255     test_newlocale_categories();
256     test_newlocale_composite();
192     testlocale();

```

```

258     exit(0);
259 }

```

unchanged_portion_omitted

new/usr/src/test/libc-tests/tests/nl_langinfo/Makefile

1

571 Mon Jul 14 17:48:01 2014

new/usr/src/test/libc-tests/tests/nl_langinfo/Makefile

4964 nl_langinfo(CRNCYSTR) returns wrong alignment character

4999 libc test suite enhancements

4939 desire wcsnrtombs() function

Reviewed by: Jason King <jason.brian.king@gmail.com>

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```
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10 #
11 #
12 #
13 # Copyright 2014 Garrett D'Amore <garrett@damore.org>
14 #
```

```
16 include $(SRC)/Makefile.master
```

```
18 PROG = nl_langinfo_test
```

```
19 ARCHPROG = nl_langinfo_test
```

```
21 include ../Makefile.com
```

```

*****
6577 Mon Jul 14 17:48:01 2014
new/usr/src/test/libc-tests/tests/nl_langinfo/nl_langinfo_test.c
4964 nl_langinfo(CRNCYSTR) returns wrong alignment character
4999 libc test suite enhancements
4939 desire wcsnrtoombs() function
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9  * http://www.illumos.org/license/CDDL.
10 */

12 /*
13  * Copyright 2014 Garrett D'Amore <garrett@damore.org>
14  */

16 /*
17  * This program tests that newlocale and uselocale work properly in
18  * multi-threaded programs. In order for it to work, it requires that
19  * some additional locales be installed.
20  */

22 #include <stdio.h>
23 #include <stdlib.h>
24 #include <string.h>
25 #include <locale.h>
26 #include <libintl.h>
27 #include <langinfo.h>
28 #include <nl_types.h>
29 #include <err.h>
30 #include <errno.h>
31 #include <unistd.h>
32 #include "test_common.h"

34 /*
35  * Note that on some platforms, different symbols are used. For example,
36  * MacOS Mavericks uses "Eu" for Euro symbol, instead of â €. If the locale
37  * data changes, then this program will need to update to reflect that.
38  *
39  * Note also that this file is easiest edited with a UTF-8 capable editor,
40  * as there are embedded UTF-8 symbols in some of the strings.
41  */
42 struct langinfo_test {
43     nl_item      param;
44     const char   *value;
45 };

47 struct langinfo_test C_data[] = {
48     { CODESET,      "646" },
49     { D_T_FMT,      "%a %b %e %H:%M:%S %Y" },
50     { D_FMT,        "%m/%d/%y" },
51     { T_FMT,        "%H:%M:%S" },
52     { T_FMT_AMPM,   "%I:%M:%S %p" },
53     { AM_STR,       "AM" },
54     { PM_STR,       "PM" },
55     { ERA,          "" },

```

```

56     { ERA_D_FMT,    "" },
57     { ERA_D_T_FMT, "" },
58     { ERA_T_FMT,    "" },
59     { DAY_1,        "Sunday" },
60     { DAY_7,        "Saturday" },
61     { ABDAY_1,      "Sun" },
62     { ABDAY_7,      "Sat" },
63     { MON_1,        "January" },
64     { MON_12,       "December" },
65     { ABMON_1,      "Jan" },
66     { ABMON_12,     "Dec" },
67     { RADIXCHAR,    "." },
68     { THOUSEP,      "" },
69     { YESSTR,       "yes" },
70     { NOSTR,        "no" },
71     { YESEXPR,      "^[yY]" },
72     { NOEXPR,       "^[nN]" },
73     { CRNCYSTR,     "" },
74     { -1,           NULL }
75 };

77 struct langinfo_test en_us_utf8_data[] = {
78     { CODESET,      "UTF-8" },
79     { D_T_FMT,      "%B %e, %Y %I:%M:%S %p %Z" },
80     { D_FMT,        "%m/%e/%y" },
81     { T_FMT,        "%I:%M:%S %p" },
82     { T_FMT_AMPM,   "%I:%M:%S %p" },
83     { AM_STR,       "AM" },
84     { PM_STR,       "PM" },
85     { ERA,          "" },
86     { ERA_D_FMT,    "" },
87     { ERA_D_T_FMT, "" },
88     { ERA_T_FMT,    "" },
89     { DAY_1,        "Sunday" },
90     { DAY_7,        "Saturday" },
91     { ABDAY_1,      "Sun" },
92     { ABDAY_7,      "Sat" },
93     { MON_1,        "January" },
94     { MON_12,       "December" },
95     { ABMON_1,      "Jan" },
96     { ABMON_12,     "Dec" },
97     { RADIXCHAR,    "." },
98     { THOUSEP,      "" },
99     { YESSTR,       "yes" },
100    { NOSTR,         "no" },
101    { YESEXPR,       "^[([yY]([eE][sS])?)" },
102    { NOEXPR,        "^[([nN]([oO])?)" },
103    { CRNCYSTR,      "-$" },
104    { -1,            NULL }
105 };

107 struct langinfo_test en_gb_latin15_data[] = {
108     { CODESET,      "ISO8859-15" },
109     { D_T_FMT,      "%e %B %Y %H:%M:%S %Z" },
110     { D_FMT,        "%d/%m/%Y" },
111     { T_FMT,        "%H:%M:%S" },
112     { T_FMT_AMPM,   "%I:%M:%S %p" },
113     { AM_STR,       "AM" },
114     { PM_STR,       "PM" },
115     { ERA,          "" },
116     { ERA_D_FMT,    "" },
117     { ERA_D_T_FMT, "" },
118     { ERA_T_FMT,    "" },
119     { DAY_1,        "Sunday" },
120     { DAY_7,        "Saturday" },
121     { ABDAY_1,      "Sun" },

```

```

122     { ABDAY_7,      "Sat" },
123     { MON_1,       "January" },
124     { MON_12,      "December" },
125     { ABMON_1,     "Jan" },
126     { ABMON_12,   "Dec" },
127     { RADIXCHAR,  "." },
128     { THOUSEP,    "," },
129     { YESSTR,     "yes" },
130     { NOSTR,      "no" },
131     { YESEXPR,    "^([yY]([eE][sS])?)" },
132     { NOEXPR,     "^([nN]([oO])?)" },
133     { CRNCYSTR,  "-\\243" },
134     { -1,         NULL }
135 };

137 struct langinfo_test ru_ru_utf8_data[] = {
138     { CODESET,     "UTF-8" },
139     { D_T_FMT,    "%e %B %Y, -+. %H:%M:%S %Z" },
140     { D_FMT,      "%d.%m.%y" },
141     { T_FMT,      "%H:%M:%S" },
142     { T_FMT_AMPM, "%I:%M:%S %p" },
143     { AM_STR,     "--%4-2-3/4>>N --%dN " },
144     { PM_STR,     "--%4-2-3/4>>N --%dN " },
145     { ERA,        "" },
146     { ERA_D_FMT,  "" },
147     { ERA_D_T_FMT, "" },
148     { ERA_T_FMT,  "" },
149     { DAY_1,      "-+-%dN -%dN -%dN -%dN -%dN " },
150     { DAY_7,      "N N -----%dN -° " },
151     { ABDAY_1,    "-+-%dN " },
152     { ABDAY_7,    "N --" },
153     { MON_1,      "N -%d-+-%dN N " },
154     { MON_12,     "-.-%d-+-%dN N " },
155     { ABMON_1,    "N -%d-+-%dN " },
156     { ABMON_12,   "-.-%d-+-%dN " },
157     { RADIXCHAR, "." },
158     { THOUSEP,    "," },
159     { YESSTR,     "-.-° " },
160     { NOSTR,      "-%d-%dN " },
161     { YESEXPR,    "^([[- - ]|[-° ]?)|([yY]([eE][sS])?)" },
162     { NOEXPR,     "^([[- - ]|[-%d- ]|N -ç])?|([nN]([oO])?)" },
163     { CRNCYSTR,  "+N N --." },
164     { -1,         NULL }
165 };

167 struct {
168     const char *locale;
169     struct langinfo_test *loctest;
170 } locales[] = {
171     { "C", C_data },
172     { "en_US.UTF-8", en_us_utf8_data },
173     { "en_GB.ISO8859-15", en_gb_latin15_data },
174     { "ru_RU.UTF-8", ru_ru_utf8_data },
175     { NULL, NULL }
176 };

178 void
179 test_nl_langinfo_1(const char *locale, struct langinfo_test *test)
180 {
181     char tname[128];
182     char *v;
183     test_t t;

185     (void) sprintf(tname, sizeof (tname), "nl_langinfo (locale %s)",
186 locale);
187     t = test_start(tname);

```

```

189     v = setlocale(LC_ALL, locale);
190     if (v == NULL) {
191         test_failed(t, "setlocale failed: %s", strerror(errno));
192     }
193     if (strcmp(v, locale) != 0) {
194         test_failed(t, "setlocale got %s instead of %s", v, locale);
195     }

197     for (int i = 0; test[i].value != NULL; i++) {
198         v = nl_langinfo(test[i].param);
199         test_debugf(t, "%d: expect [%s], got [%s]",
200 test[i].param, test[i].value, v);
201         if (strcmp(v, test[i].value) != 0) {
202             test_failed(t,
203 "param %d wrong, expected [%s], got [%s]",
204 test[i].param, test[i].value, v);
205         }
206     }
207     test_passed(t);
208 }

210 void
211 test_nl_langinfo_l(const char *locale, struct langinfo_test *test)
212 {
213     char tname[128];
214     char *v;
215     test_t t;
216     locale_t loc;

218     (void) sprintf(tname, sizeof (tname), "nl_langinfo_l (locale %s)",
219 locale);
220     t = test_start(tname);

222     v = setlocale(LC_ALL, "C");
223     if (v == NULL) {
224         test_failed(t, "setlocale failed: %s", strerror(errno));
225     }
226     if (strcmp(v, "C") != 0) {
227         test_failed(t, "setlocale got %s instead of %s", v, "C");
228     }

230     loc = newlocale(LC_ALL_MASK, locale, NULL);
231     if (loc == NULL) {
232         test_failed(t, "newlocale failed: %s", strerror(errno));
233     }

235     for (int i = 0; test[i].value != NULL; i++) {
236         v = nl_langinfo_l(test[i].param, loc);
237         test_debugf(t, "%d: expect [%s], got [%s]",
238 test[i].param, test[i].value, v);
239         if (strcmp(v, test[i].value) != 0) {
240             test_failed(t,
241 "param %d wrong, expected [%s], got [%s]",
242 test[i].param, test[i].value, v);
243         }
244     }
245     test_passed(t);
246 }

247 void
248 test_nl_langinfo(void)
249 {
250     for (int i = 0; locales[i].locale != NULL; i++) {
251         test_nl_langinfo_1(locales[i].locale, locales[i].loctest);
252         test_nl_langinfo_l(locales[i].locale, locales[i].loctest);
253     }

```

```
254 }
256 int
257 main(int argc, char **argv)
258 {
259     int optc;
261     while ((optc = getopt(argc, argv, "df")) != EOF) {
262         switch (optc) {
263             case 'd':
264                 test_set_debug();
265                 break;
266             case 'f':
267                 test_set_force();
268                 break;
269             default:
270                 (void) fprintf(stderr, "Usage: %s [-df]\n", argv[0]);
271                 exit(1);
272         }
273     }
275     test_nl_langinfo();
277     exit(0);
278 }
```


new/usr/src/test/libc-tests/tests/wcsrtombs/Makefile

1

567 Mon Jul 14 17:48:01 2014

new/usr/src/test/libc-tests/tests/wcsrtombs/Makefile

4964 nl_langinfo(CRNCYSTR) returns wrong alignment character

4999 libc test suite enhancements

4939 desire wcsrtombs() function

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10 #

12 #

13 # Copyright 2014 Garrett D'Amore <garrett@damore.org>

14 #

16 include \$(SRC)/Makefile.master

18 PROG = wcsrtombs_test

19 ARCHPROG = wcsrtombs_test

21 include ../Makefile.com

```

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new/usr/src/test/libc-tests/tests/wcsrtombs/wcsrtombs_test.c
4964 nl_langinfo(CRNCYSTR) returns wrong alignment character
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4939 desire wcsrtombs() function
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10 */

12 /*
13  * Copyright 2014 Garrett D'Amore <garrett@damore.org>
14  */

16 /*
17  * This program tests that wcsrtombs and friends work properly.
18  * In order for it to work, it requires that some additional locales
19  * be installed.
20  */

22 #include <stdio.h>
23 #include <stdlib.h>
24 #include <string.h>
25 #include <locale.h>
26 #include <wchar.h>
27 #include <err.h>
28 #include <errno.h>
29 #include <unistd.h>
30 #include <xlocale.h>
31 #include <note.h>
32 #include "test_common.h"

34 int extra_debug = 0;

36 #define NUMTHR 300
37 #define NUMITR 300

39 /*
40  * Note that this file is easiest edited with a UTF-8 capable editor,
41  * as there are embedded UTF-8 symbols in some of the strings.
42  */
43 struct wcsrtombs_test {
44     char      mbs[32];
45     wchar_t   wcs[32];
46 };

48 #define TESTING_MBS      "TESTING"
49 #define TESTING_WCS     { 'T', 'E', 'S', 'T', 'I', 'N', 'G', 0 }
50 #define HELLO_RU_MBS    "-----ç"
51 #define HELLO_RU_WCS   { 1055, 1056, 1048, 1042, 1045, 1058, 0 }
52 #define HELLO_EN_MBS   "HELLO"
53 #define HELLO_EN_WCS   { 'H', 'E', 'L', 'L', 'O', 0 }

55 /* Unicode values never have the high order bit set */

```

```

56 #define BAD_WCS        { 'B', 'A', 'D', (wchar_t)0xf000f000, 'W', 'C', 'S' }

58 struct wcsrtombs_test C_data[] = {
59     { TESTING_MBS, TESTING_WCS },
60     { HELLO_EN_MBS, HELLO_EN_WCS },
61     { 0, 0 },
62 };

64 struct wcsrtombs_test utf8_data[] = {
65     { TESTING_MBS, TESTING_WCS },
66     { HELLO_EN_MBS, HELLO_EN_WCS },
67     { HELLO_RU_MBS, HELLO_RU_WCS },
68     { 0, 0 },
69 };

71 struct {
72     const char *locale;
73     struct wcsrtombs_test *test;
74 } locales[] = {
75     { "C", C_data },
76     { "en_US.UTF-8", utf8_data },
77     { NULL, NULL }
78 };

80 void
81 test_wcsrtombs_1(const char *locale, struct wcsrtombs_test *test)
82 {
83     test_t      t;
84     char        *v;
85     mbstate_t   ms;

87     t = test_start("wcsrtombs (locale %s)", locale);

89     v = setlocale(LC_ALL, locale);
90     if (v == NULL) {
91         test_failed(t, "setlocale failed: %s", strerror(errno));
92     }
93     if (strcmp(v, locale) != 0) {
94         test_failed(t, "setlocale got %s instead of %s", v, locale);
95     }

97     for (int i = 0; test[i].mbs[0] != 0; i++) {
98         char mbs[32];
99         const wchar_t *wcs = test[i].wcs;
100        size_t cnt;

102        (void) memset(&ms, 0, sizeof (ms));
103        (void) memset(mbs, 0, sizeof (mbs));
104        cnt = wcsrtombs(mbs, &wcs, sizeof (mbs), &ms);
105        if (cnt != strlen(test[i].mbs)) {
106            test_failed(t, "incorrect return value: %d != %d",
107                cnt, strlen(test[i].mbs));
108        }
109        if (strcmp(mbs, test[i].mbs) != 0) {
110            test_failed(t, "wrong result: %s != %s",
111                mbs, test[i].mbs);
112        }
113        if (extra_debug) {
114            test_debugf(t, "mbs is %s", mbs);
115        }
116    }
117    test_passed(t);
118 }

120 void
121 test_wcsrtombs_1(const char *locale, struct wcsrtombs_test *test)

```

```

122 {
123     test_t t;
124     locale_t loc;
125     char *v;
126     mbstate_t ms;
127
128     t = test_start("wcsrtombs_l (locale %s)", locale);
129
130     v = setlocale(LC_ALL, "C");
131     if (v == NULL) {
132         test_failed(t, "setlocale failed: %s", strerror(errno));
133     }
134     if (strcmp(v, "C") != 0) {
135         test_failed(t, "setlocale got %s instead of %s", v, "C");
136     }
137
138     loc = newlocale(LC_ALL_MASK, locale, NULL);
139     if (loc == NULL) {
140         test_failed(t, "newlocale failed: %s", strerror(errno));
141     }
142
143     for (int i = 0; test[i].mbs[0] != 0; i++) {
144         char mbs[32];
145         const wchar_t *wcs = test[i].wcs;
146         size_t cnt;
147
148         (void) memset(&ms, 0, sizeof (ms));
149         (void) memset(mbs, 0, sizeof (mbs));
150         cnt = wcsrtombs_l(mbs, &wcs, sizeof (mbs), &ms, loc);
151         if (cnt != strlen(test[i].mbs)) {
152             test_failed(t, "incorrect return value: %d != %d",
153                 cnt, strlen(test[i].mbs));
154         }
155         if (strcmp(mbs, test[i].mbs) != 0) {
156             test_failed(t, "wrong result: %s != %s", mbs,
157                 test[i].mbs);
158         }
159         if (extra_debug) {
160             test_debugf(t, "mbs is %s", mbs);
161         }
162     }
163     test_passed(t);
164 }
165
166 void
167 test_wcsrtombs_thr_iter(test_t t, const char *locale,
168     struct wcsrtombs_test *test)
169 {
170     locale_t loc;
171     mbstate_t ms;
172
173     loc = newlocale(LC_ALL_MASK, locale, NULL);
174     if (loc == NULL) {
175         test_failed(t, "newlocale failed: %s", strerror(errno));
176     }
177
178     for (int i = 0; test[i].mbs[0] != 0; i++) {
179         char mbs[32];
180         const wchar_t *wcs = test[i].wcs;
181         size_t cnt;
182
183         (void) memset(&ms, 0, sizeof (ms));
184         (void) memset(mbs, 0, sizeof (mbs));
185         cnt = wcsrtombs_l(mbs, &wcs, sizeof (mbs), &ms, loc);
186         if (cnt != strlen(test[i].mbs)) {
187             test_failed(t, "incorrect return value: %d != %d",

```

```

188         cnt, strlen(test[i].mbs));
189     }
190     if (strcmp(mbs, test[i].mbs) != 0) {
191         test_failed(t, "wrong result: %s != %s", mbs,
192             test[i].mbs);
193     }
194     if (extra_debug) {
195         test_debugf(t, "mbs is %s", mbs);
196     }
197 }
198
199     freelocale(loc);
200 }
201
202 void
203 test_wcsrtombs_thr_work(test_t t, void *arg)
204 {
205     _NOTE(ARGUNUSED(arg));
206     for (int j = 0; j < NUMITR; j++) {
207         test_debugf(t, "iteration %d", j);
208         for (int i = 0; locales[i].locale != NULL; i++) {
209             test_wcsrtombs_thr_iter(t, locales[i].locale,
210                 locales[i].test);
211         }
212     }
213     test_passed(t);
214 }
215
216 void
217 test_wcsrtombs_threaded(void)
218 {
219     (void) setlocale(LC_ALL, "C");
220     test_run(NUMTHR, test_wcsrtombs_thr_work, NULL, "wcsrtombs_threaded");
221 }
222
223 void
224 test_wcsrtombs_partial(void)
225 {
226     test_t t;
227     mbstate_t ms;
228     wchar_t src[32] = HELLO_RU_WCS;
229     char mbs[32];
230     char *dst;
231     const wchar_t *wcs;
232     size_t cnt;
233
234     (void) memset(&ms, 0, sizeof (ms));
235     t = test_start("wcsrtombs_partial");
236
237     if (setlocale(LC_ALL, "ru_RU.UTF-8") == NULL) {
238         test_failed(t, "setlocale failed: %s", strerror(errno));
239     }
240
241     wcs = src;
242     dst = mbs;
243     cnt = wcsrtombs(dst, &wcs, 1, &ms);
244     if (cnt != 0) {
245         test_failed(t, "gave back a conversion cnt %d != 0", cnt);
246     }
247     if (wcs != src) {
248         test_failed(t, "incorrectly advanced wcs");
249     }
250
251     cnt = wcsrtombs(dst, &wcs, 2, &ms);
252     if (cnt != 2) {

```

```

254     test_failed(t, "gave back a conversion cnt %d != 2", cnt);
255 }
256 dst += cnt;

258 cnt = wcsrtombs(dst, &wcs, 4, &ms);
259 dst += cnt;

261 cnt = wcsrtombs(dst, &wcs, sizeof (mbs) - strlen(mbs), &ms);
262 if (extra_debug) {
263     test_debugf(t, "mbs is %s", mbs);
264 }
265 if (strcmp(mbs, HELLO_RU_MBS) != 0) {
266     test_failed(t, "wrong result: %s != %s", mbs, HELLO_RU_MBS);
267 }
268 test_passed(t);
269 }

271 void
272 test_wcsrtombs_negative(void)
273 {
274     mbstate_t      ms;
275     const wchar_t *wcs;
276     char           mbs[32];
277     char           *dst;
278     int            e;
279     wchar_t        src[32] = BAD_WCS;
280     test_t         t;
281     int            cnt;

283     t = test_start("wcsrtombs_negative");

285     (void) memset(&ms, 0, sizeof (ms));
286     if (setlocale(LC_ALL, "ru_RU.UTF-8") == NULL) {
287         test_failed(t, "setlocale failed: %s", strerror(errno));
288     }

290     wcs = src;
291     dst = mbs;
292     cnt = wcsrtombs(dst, &wcs, sizeof (mbs), &ms);
293     if (cnt != -1) {
294         test_failed(t, "bogus success (%d)", cnt);
295     }
296     if ((e = errno) != EILSEQ) {
297         test_failed(t, "wrong errno, wanted %d (EILSEQ), got %d: %s",
298             EILSEQ, e, strerror(e));
299     }
300     test_passed(t);
301 }

303 void
304 test_wcsnrtombs_partial(void)
305 {
306     test_t         t;
307     mbstate_t      ms;
308     wchar_t        src[32] = HELLO_RU_WCS;
309     char           mbs[32];
310     char           *dst;
311     const wchar_t *wcs;
312     size_t         cnt;

315     (void) memset(&ms, 0, sizeof (ms));
316     t = test_start("wcsnrtombs_partial");

318     if (setlocale(LC_ALL, "ru_RU.UTF-8") == NULL) {
319         test_failed(t, "setlocale failed: %s", strerror(errno));

```

```

320     }

322     wcs = src;
323     dst = mbs;
324     cnt = wcsnrtombs(dst, &wcs, 1, 1, &ms);
325     if (cnt != 0) {
326         test_failed(t, "gave back a conversion cnt %d != 0", cnt);
327     }
328     if (wcs != src) {
329         test_failed(t, "incorrectly advanced wcs");
330     }

332     /* we should get just 2 wide characters (expanding to 4 bytes) */
333     cnt = wcsnrtombs(dst, &wcs, 2, sizeof (mbs), &ms);
334     if (cnt != 4) {
335         test_failed(t, "gave back a conversion cnt %d != 4", cnt);
336     }
337     dst += cnt;

339     cnt = wcsnrtombs(dst, &wcs, 32, sizeof (mbs) - strlen(mbs), &ms);
340     if (extra_debug) {
341         test_debugf(t, "mbs is %s", mbs);
342     }
343     if (strcmp(mbs, HELLO_RU_MBS) != 0) {
344         test_failed(t, "wrong result: %s != %s", mbs, HELLO_RU_MBS);
345     }
346     test_passed(t);
347 }

349 void
350 test_wcsrtombs(void)
351 {
352     for (int i = 0; locales[i].locale != NULL; i++) {
353         test_wcsrtombs_1(locales[i].locale, locales[i].test);
354         test_wcsrtombs_1(locales[i].locale, locales[i].test);
355     }
356 }

358 int
359 main(int argc, char **argv)
360 {
361     int optc;

363     while ((optc = getopt(argc, argv, "dfd")) != EOF) {
364         switch (optc) {
365             case 'd':
366                 test_set_debug();
367                 break;
368             case 'f':
369                 test_set_force();
370                 break;
371             case 'D':
372                 test_set_debug();
373                 extra_debug++;
374                 break;
375             default:
376                 (void) fprintf(stderr, "Usage: %s [-dfd]\n", argv[0]);
377                 exit(1);
378         }
379     }

381     test_wcsrtombs();
382     test_wcsrtombs_partial();
383     test_wcsrtombs_negative();
384     test_wcsrtombs_threaded();
385     test_wcsnrtombs_partial();

```

```
387     exit(0);  
388 }
```