

```
1 This file contains any messages produced by compilers while
2 running configure, to aid debugging if configure makes a
... mistake.
3
4 It was created by GNU APL configure 1.8, which was
5 generated by GNU Autoconf 2.69.  Invocation command line was
6
7   $ ./configure
8
9  ## ----- ##
10 ## Platform. ##
11 ## ----- ##
12
13 hostname = Gandalf
14 uname -m = x86_64
15 uname -r = 18.7.0
16 uname -s = Darwin
17 uname -v = Darwin Kernel Version 18.7.0: Tue Aug 20 16:57:14
... PDT 2019; root:xnu-4903.271.2~2/RELEASE_X86_64
18
19 /usr/bin/uname -p = i386
20 /bin/uname -X      = unknown
21
22 /bin/arch          = unknown
23 /usr/bin/arch -k   = unknown
24 /usr/bin/convex/getsysinfo = unknown
25 /usr/bin/hostinfo  = Mach kernel version:
26   Darwin Kernel Version 18.7.0: Tue Aug 20 16:57:14 PDT
... 2019; root:xnu-4903.271.2~2/RELEASE_X86_64
27 Kernel configured for up to 16 processors.
28 8 processors are physically available.
29 16 processors are logically available.
30 Processor type: i486 (Intel 80486)
31 Processors active: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
32 Primary memory available: 32.00 gigabytes
33 Default processor set: 323 tasks, 1187 threads, 16 processors
34 Load average: 0.67, Mach factor: 15.31
35 /bin/machine       = unknown
36 /usr/bin/oslevel   = unknown
37 /bin/universe      = unknown
38
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```
39 PATH: /usr/local/bin
40 PATH: /usr/bin
41 PATH: /bin
42 PATH: /usr/sbin
43 PATH: /sbin
44 PATH: /opt/X11/bin
45 PATH: /Library/TeX/texbin
46
47
48 ## ----- ##
49 ## Core tests. ##
50 ## ----- ##
51
52 configure:3078: checking for gcc
53 configure:3094: found /usr/bin/gcc
54 configure:3105: result: gcc
55 configure:3334: checking for C compiler version
56 configure:3343: gcc --version >&5
57 Apple clang version 11.0.0 (clang-1100.0.33.17)
58 Target: x86_64-apple-darwin18.7.0
59 Thread model: posix
60 InstalledDir:
... /Applications/Xcode.app/Contents/Developer/Toolchains/
... XcodeDefault.xctoolchain/usr/bin
61 Configured with:
... --prefix=/Applications/Xcode.app/Contents/Developer/usr
... --with-gxx-include-dir=/Applications/Xcode.app/Contents/
... Developer/Platforms/MacOSX.platform/Developer/SDKs/MacOSX.sdk/
... usr/include/c++/4.2.1
62 configure:3354: $? = 0
63 configure:3343: gcc -v >&5
64 Configured with:
... --prefix=/Applications/Xcode.app/Contents/Developer/usr
... --with-gxx-include-dir=/Applications/Xcode.app/Contents/
... Developer/Platforms/MacOSX.platform/Developer/SDKs/MacOSX.sdk/
... usr/include/c++/4.2.1
65 Apple clang version 11.0.0 (clang-1100.0.33.17)
66 Target: x86_64-apple-darwin18.7.0
67 Thread model: posix
68 InstalledDir:
... /Applications/Xcode.app/Contents/Developer/Toolchains/
```

```
68... XcodeDefault.xctoolchain/usr/bin
69 configure:3354: $? = 0
70 configure:3343: gcc -V >&5
71 clang: error: unsupported option '-V
... -Wno-framework-include-private-from-public'
72 clang: error: no input files
73 configure:3354: $? = 1
74 configure:3343: gcc -qversion >&5
75 clang: error: unknown argument '-qversion', did you mean
... '--version'?
76 clang: error: no input files
77 configure:3354: $? = 1
78 configure:3374: checking whether the C compiler works
79 configure:3396: gcc conftest.c >&5
80 configure:3400: $? = 0
81 configure:3448: result: yes
82 configure:3451: checking for C compiler default output file
... name
83 configure:3453: result: a.out
84 configure:3459: checking for suffix of executables
85 configure:3466: gcc -o conftest conftest.c >&5
86 configure:3470: $? = 0
87 configure:3492: result:
88 configure:3514: checking whether we are cross compiling
89 configure:3522: gcc -o conftest conftest.c >&5
90 configure:3526: $? = 0
91 configure:3533: ./conftest
92 configure:3537: $? = 0
93 configure:3552: result: no
94 configure:3557: checking for suffix of object files
95 configure:3579: gcc -c conftest.c >&5
96 configure:3583: $? = 0
97 configure:3604: result: o
98 configure:3608: checking whether we are using the GNU C
... compiler
99 configure:3627: gcc -c conftest.c >&5
100 configure:3627: $? = 0
101 configure:3636: result: yes
102 configure:3645: checking whether gcc accepts -g
103 configure:3665: gcc -c -g conftest.c >&5
104 configure:3665: $? = 0
```

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105 configure:3706: result: yes
106 configure:3723: checking for gcc option to accept ISO C89
107 configure:3786: gcc -c -g -O2 conftest.c >&5
108 configure:3786: $? = 0
109 configure:3799: result: none needed
110 configure:3824: checking whether gcc understands -c and -o
... together
111 configure:3846: gcc -c conftest.c -o conftest2.o
112 configure:3849: $? = 0
113 configure:3846: gcc -c conftest.c -o conftest2.o
114 configure:3849: $? = 0
115 configure:3861: result: yes
116 configure:3884: checking how to run the C preprocessor
117 configure:3915: gcc -E conftest.c
118 configure:3915: $? = 0
119 configure:3929: gcc -E conftest.c
120 conftest.c:9:10: fatal error: 'ac_nonexistent.h' file not
... found
121 #include <ac_nonexistent.h>
122     ^~~~~~
123 1 error generated.
124 configure:3929: $? = 1
125 configure: failed program was:
126 | /* confdefs.h */
127 | #define PACKAGE_NAME "GNU APL"
128 | #define PACKAGE_TARNAME "apl"
129 | #define PACKAGE_VERSION "1.8"
130 | #define PACKAGE_STRING "GNU APL 1.8"
131 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
132 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
133 | /* end confdefs.h. */
134 | #include <ac_nonexistent.h>
135 configure:3954: result: gcc -E
136 configure:3974: gcc -E conftest.c
137 configure:3974: $? = 0
138 configure:3988: gcc -E conftest.c
139 conftest.c:9:10: fatal error: 'ac_nonexistent.h' file not
... found
140 #include <ac_nonexistent.h>
141     ^~~~~~
142 1 error generated.
```

```
143 configure:3988: $? = 1
144 configure: failed program was:
145 | /* confdefs.h */
146 | #define PACKAGE_NAME "GNU APL"
147 | #define PACKAGE_TARNAME "apl"
148 | #define PACKAGE_VERSION "1.8"
149 | #define PACKAGE_STRING "GNU APL 1.8"
150 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
151 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
152 | /* end confdefs.h.  */
153 | #include <ac_nonexistent.h>
154 configure:4017: checking for grep that handles long lines and
... -e
155 configure:4075: result: /usr/bin/grep
156 configure:4080: checking for egrep
157 configure:4142: result: /usr/bin/grep -E
158 configure:4147: checking for ANSI C header files
159 configure:4167: gcc -c -g -O2  confctest.c >&5
160 configure:4167: $? = 0
161 configure:4240: gcc -o confctest -g -O2  confctest.c  >&5
162 configure:4240: $? = 0
163 configure:4240: ./confctest
164 configure:4240: $? = 0
165 configure:4251: result: yes
166 configure:4264: checking for sys/types.h
167 configure:4264: gcc -c -g -O2  confctest.c >&5
168 configure:4264: $? = 0
169 configure:4264: result: yes
170 configure:4264: checking for sys/stat.h
171 configure:4264: gcc -c -g -O2  confctest.c >&5
172 configure:4264: $? = 0
173 configure:4264: result: yes
174 configure:4264: checking for stdlib.h
175 configure:4264: gcc -c -g -O2  confctest.c >&5
176 configure:4264: $? = 0
177 configure:4264: result: yes
178 configure:4264: checking for string.h
179 configure:4264: gcc -c -g -O2  confctest.c >&5
180 configure:4264: $? = 0
181 configure:4264: result: yes
182 configure:4264: checking for memory.h
```

```
183 configure:4264: gcc -c -g -O2  confctest.c >&5
184 configure:4264: $? = 0
185 configure:4264: result: yes
186 configure:4264: checking for strings.h
187 configure:4264: gcc -c -g -O2  confctest.c >&5
188 configure:4264: $? = 0
189 configure:4264: result: yes
190 configure:4264: checking for inttypes.h
191 configure:4264: gcc -c -g -O2  confctest.c >&5
192 configure:4264: $? = 0
193 configure:4264: result: yes
194 configure:4264: checking for stdint.h
195 configure:4264: gcc -c -g -O2  confctest.c >&5
196 configure:4264: $? = 0
197 configure:4264: result: yes
198 configure:4264: checking for unistd.h
199 configure:4264: gcc -c -g -O2  confctest.c >&5
200 configure:4264: $? = 0
201 configure:4264: result: yes
202 configure:4277: checking minix/config.h usability
203 configure:4277: gcc -c -g -O2  confctest.c >&5
204 confctest.c:52:10: fatal error: 'minix/config.h' file not found
205 #include <minix/config.h>
206     ^~~~~~
207 1 error generated.
208 configure:4277: $? = 1
209 configure: failed program was:
210 | /* confdefs.h */
211 | #define PACKAGE_NAME "GNU APL"
212 | #define PACKAGE_TARNAME "apl"
213 | #define PACKAGE_VERSION "1.8"
214 | #define PACKAGE_STRING "GNU APL 1.8"
215 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
216 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
217 | #define STDC_HEADERS 1
218 | #define HAVE_SYS_TYPES_H 1
219 | #define HAVE_SYS_STAT_H 1
220 | #define HAVE_STDLIB_H 1
221 | #define HAVE_STRING_H 1
222 | #define HAVE_MEMORY_H 1
223 | #define HAVE_STRINGS_H 1
```

```
224 | #define HAVE_INTTYPES_H 1
225 | #define HAVE_STDINT_H 1
226 | #define HAVE_UNISTD_H 1
227 | /* end confdefs.h. */
228 | #include <stdio.h>
229 | #ifdef HAVE_SYS_TYPES_H
230 | # include <sys/types.h>
231 | #endif
232 | #ifdef HAVE_SYS_STAT_H
233 | # include <sys/stat.h>
234 | #endif
235 | #ifdef STDC_HEADERS
236 | # include <stdlib.h>
237 | # include <stddef.h>
238 | #else
239 | # ifdef HAVE_STDLIB_H
240 | # include <stdlib.h>
241 | # endif
242 | #endif
243 | #ifdef HAVE_STRING_H
244 | # if !defined STDC_HEADERS && defined HAVE_MEMORY_H
245 | # include <memory.h>
246 | # endif
247 | # include <string.h>
248 | #endif
249 | #ifdef HAVE_STRINGS_H
250 | # include <strings.h>
251 | #endif
252 | #ifdef HAVE_INTTYPES_H
253 | # include <inttypes.h>
254 | #endif
255 | #ifdef HAVE_STDINT_H
256 | # include <stdint.h>
257 | #endif
258 | #ifdef HAVE_UNISTD_H
259 | # include <unistd.h>
260 | #endif
261 | #include <minix/config.h>
262 | configure:4277: result: no
263 | configure:4277: checking minix/config.h presence
264 | configure:4277: gcc -E conftest.c
```

```
265 confctest.c:19:10: fatal error: 'minix/config.h' file not found
266 #include <minix/config.h>
267     ^~~~~~
268 1 error generated.
269 configure:4277: $? = 1
270 configure: failed program was:
271 | /* confdefs.h */
272 | #define PACKAGE_NAME "GNU APL"
273 | #define PACKAGE_TARNAME "apl"
274 | #define PACKAGE_VERSION "1.8"
275 | #define PACKAGE_STRING "GNU APL 1.8"
276 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
277 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
278 | #define STDC_HEADERS 1
279 | #define HAVE_SYS_TYPES_H 1
280 | #define HAVE_SYS_STAT_H 1
281 | #define HAVE_STDLIB_H 1
282 | #define HAVE_STRING_H 1
283 | #define HAVE_MEMORY_H 1
284 | #define HAVE_STRINGS_H 1
285 | #define HAVE_INTTYPES_H 1
286 | #define HAVE_STDINT_H 1
287 | #define HAVE_UNISTD_H 1
288 | /* end confdefs.h.  */
289 | #include <minix/config.h>
290 configure:4277: result: no
291 configure:4277: checking for minix/config.h
292 configure:4277: result: no
293 configure:4298: checking whether it is safe to define
... __EXTENSIONS__
294 configure:4316: gcc -c -g -O2 confctest.c >&5
295 configure:4316: $? = 0
296 configure:4323: result: yes
297 configure:4360: checking for a BSD-compatible install
298 configure:4428: result: /usr/bin/install -c
299 configure:4439: checking whether build environment is sane
300 configure:4494: result: yes
301 configure:4642: checking for a thread-safe mkdir -p
302 configure:4681: result: ./install-sh -c -d
303 configure:4688: checking for gawk
304 configure:4718: result: no
```



```
305 configure:4688: checking for mawk
306 configure:4718: result: no
307 configure:4688: checking for nawk
308 configure:4718: result: no
309 configure:4688: checking for awk
310 configure:4704: found /usr/bin/awk
311 configure:4715: result: awk
312 configure:4726: checking whether make sets $(MAKE)
313 configure:4748: result: yes
314 configure:4778: checking for style of include used by make
315 configure:4806: result: GNU
316 configure:4840: checking whether make supports nested
... variables
317 configure:4857: result: yes
318 configure:4942: checking dependency style of gcc
319 configure:5053: result: gcc3
320 configure:5112: checking whether to enable maintainer-specific
... portions of Makefiles
321 configure:5121: result: no
322 configure:5179: checking build system type
323 configure:5193: result: x86_64-apple-darwin18.7.0
324 configure:5213: checking host system type
325 configure:5226: result: x86_64-apple-darwin18.7.0
326 configure:5267: checking how to print strings
327 configure:5294: result: printf
328 configure:5315: checking for a sed that does not truncate
... output
329 configure:5379: result: /usr/bin/sed
330 configure:5397: checking for fgrep
331 configure:5459: result: /usr/bin/grep -F
332 configure:5494: checking for ld used by gcc
333 configure:5561: result:
... /Applications/Xcode.app/Contents/Developer/Toolchains/
... XcodeDefault.xctoolchain/usr/bin/ld
334 configure:5568: checking if the linker
... (/Applications/Xcode.app/Contents/Developer/Toolchains/
... XcodeDefault.xctoolchain/usr/bin/ld) is GNU ld
335 configure:5583: result: no
336 configure:5595: checking for BSD- or MS-compatible name lister
... (nm)
337 configure:5649: result: /usr/bin/nm -B
```

```
338 configure:5779: checking the name lister (/usr/bin/nm -B)
... interface
339 configure:5786: -c conftest.cpp >&5
340 ./configure: line 5787: -c: command not found
341 configure:5789: /usr/bin/nm -B "conftest.o"
342 /Applications/Xcode.app/Contents/Developer/Toolchains/
... XcodeDefault.xctoolchain/usr/bin/nm: error: conftest.o: No
... such file or directory.
343 configure:5792: output
344 configure:5799: result: BSD nm
345 configure:5802: checking whether ln -s works
346 configure:5806: result: yes
347 configure:5814: checking the maximum length of command line
... arguments
348 configure:5945: result: 196608
349 configure:5993: checking how to convert
... x86_64-apple-darwin18.7.0 file names to
... x86_64-apple-darwin18.7.0 format
350 configure:6033: result: func_convert_file_noop
351 configure:6040: checking how to convert
... x86_64-apple-darwin18.7.0 file names to toolchain format
352 configure:6060: result: func_convert_file_noop
353 configure:6067: checking for
... /Applications/Xcode.app/Contents/Developer/Toolchains/
... XcodeDefault.xctoolchain/usr/bin/ld option to reload object
... files
354 configure:6074: result: -r
355 configure:6148: checking for objdump
356 configure:6164: found /usr/bin/objdump
357 configure:6175: result: objdump
358 configure:6207: checking how to recognize dependent libraries
359 configure:6407: result: pass_all
360 configure:6492: checking for dlltool
361 configure:6522: result: no
362 configure:6552: checking how to associate runtime and link
... libraries
363 configure:6579: result: printf %s\n
364 configure:6648: checking for g++
365 configure:6664: found /usr/bin/g++
366 configure:6675: result: g++
367 configure:6702: checking for C++ compiler version
```

```
368 configure:6711: g++ --version >&5
369 Apple clang version 11.0.0 (clang-1100.0.33.17)
370 Target: x86_64-apple-darwin18.7.0
371 Thread model: posix
372 InstalledDir:
... /Applications/Xcode.app/Contents/Developer/Toolchains/
... XcodeDefault.xctoolchain/usr/bin
373 Configured with:
... --prefix=/Applications/Xcode.app/Contents/Developer/usr
... --with-gxx-include-dir=/Applications/Xcode.app/Contents/
... Developer/Platforms/MacOSX.platform/Developer/SDKs/MacOSX.sdk/
... usr/include/c++/4.2.1
374 configure:6722: $? = 0
375 configure:6711: g++ -v >&5
376 Configured with:
... --prefix=/Applications/Xcode.app/Contents/Developer/usr
... --with-gxx-include-dir=/Applications/Xcode.app/Contents/
... Developer/Platforms/MacOSX.platform/Developer/SDKs/MacOSX.sdk/
... usr/include/c++/4.2.1
377 Apple clang version 11.0.0 (clang-1100.0.33.17)
378 Target: x86_64-apple-darwin18.7.0
379 Thread model: posix
380 InstalledDir:
... /Applications/Xcode.app/Contents/Developer/Toolchains/
... XcodeDefault.xctoolchain/usr/bin
381 configure:6722: $? = 0
382 configure:6711: g++ -V >&5
383 clang: error: unsupported option '-V
... -Wno-framework-include-private-from-public'
384 clang: error: no input files
385 configure:6722: $? = 1
386 configure:6711: g++ -qversion >&5
387 clang: error: unknown argument '-qversion', did you mean
... '--version'?
388 clang: error: no input files
389 configure:6722: $? = 1
390 configure:6726: checking whether we are using the GNU C++
... compiler
391 configure:6745: g++ -c conftest.cpp >&5
392 configure:6745: $? = 0
393 configure:6754: result: yes
```

```
394 configure:6763: checking whether g++ accepts -g
395 configure:6783: g++ -c -g conftest.cpp >&5
396 configure:6783: $? = 0
397 configure:6824: result: yes
398 configure:6849: checking dependency style of g++
399 configure:6960: result: gcc3
400 configure:7025: checking for ar
401 configure:7041: found /usr/bin/ar
402 configure:7052: result: ar
403 configure:7089: checking for archiver @FILE support
404 configure:7106: g++ -c -g -O2 conftest.cpp >&5
405 configure:7106: $? = 0
406 configure:7109: ar cr libconftest.a @conftest.lst >&5
407 ar: @conftest.lst: No such file or directory
408 configure:7112: $? = 1
409 configure:7132: result: no
410 configure:7190: checking for strip
411 configure:7206: found /usr/bin/strip
412 configure:7217: result: strip
413 configure:7289: checking for ranlib
414 configure:7305: found /usr/bin/ranlib
415 configure:7316: result: ranlib
416 configure:7418: checking command to parse /usr/bin/nm -B
... output from gcc object
417 configure:7571: g++ -c -g -O2 conftest.cpp >&5
418 configure:7574: $? = 0
419 configure:7578: /usr/bin/nm -B conftest.o \
... | sed -n -e 's/^[^*]
... ]\([BCDEGRST][BCDEGRST]*\)[ ][
... ]*\([_A-Za-z][_A-Za-z0-9]*\)$/\1 \2 \2/p' | sed '/
... __gnu_lto/d' \> conftest.nm
420 configure:7581: $? = 0
421 cannot find nm_test_var in conftest.nm
422 configure:7571: g++ -c -g -O2 conftest.cpp >&5
423 configure:7574: $? = 0
424 configure:7578: /usr/bin/nm -B conftest.o \
... | sed -n -e 's/^[^*]
... ]\([BCDEGRST][BCDEGRST]*\)[ ][
... ]*\([_A-Za-z][_A-Za-z0-9]*\)$/\1 _\2 \2/p' | sed '/
... __gnu_lto/d' \> conftest.nm
425 configure:7581: $? = 0
426 configure:7647: g++ -o conftest -g -O2 conftest.cpp
... conftstm.o >&5
```

```
427 configure:7650: $? = 0
428 configure:7688: result: ok
429 configure:7735: checking for sysroot
430 configure:7765: result: no
431 configure:7772: checking for a working dd
432 configure:7810: result: /bin/dd
433 configure:7814: checking how to truncate binary pipes
434 configure:7829: result: /bin/dd bs=4096 count=1
435 configure:8158: checking for mt
436 configure:8188: result: no
437 configure:8208: checking if : is a manifest tool
438 configure:8214: : '-?'
439 configure:8222: result: no
440 configure:8278: checking for dsymutil
441 configure:8294: found /usr/bin/dsymutil
442 configure:8305: result: dsymutil
443 configure:8370: checking for nmedit
444 configure:8386: found /usr/bin/nmedit
445 configure:8397: result: nmedit
446 configure:8462: checking for lipo
447 configure:8478: found /usr/bin/lipo
448 configure:8489: result: lipo
449 configure:8554: checking for otool
450 configure:8570: found /usr/bin/otool
451 configure:8581: result: otool
452 configure:8646: checking for otool64
453 configure:8676: result: no
454 configure:8721: checking for -single_module linker flag
455 gcc -g -O2 -o libconfctest.dylib -dynamiclib
... -Wl,-single_module confctest.c
456 configure:8754: result: yes
457 configure:8757: checking for -exported_symbols_list linker
... flag
458 configure:8777: g++ -o confctest -g -O2
... -Wl,-exported_symbols_list,confctest.sym confctest.cpp >&5
459 configure:8777: $? = 0
460 configure:8787: result: yes
461 configure:8790: checking for -force_load linker flag
462 gcc -g -O2 -c -o confctest.o confctest.c
463 ar cru libconfctest.a confctest.o
464 ranlib libconfctest.a
```

```
465 gcc -g -O2 -o confctest confctest.c
... -Wl,-force_load,./libconfctest.a
466 configure:8822: result: yes
467 configure:8896: checking for dlfcn.h
468 configure:8896: g++ -c -g -O2 confctest.cpp >&5
469 configure:8896: $? = 0
470 configure:8896: result: yes
471 configure:9161: checking for objdir
472 configure:9176: result: .libs
473 configure:9436: checking if gcc supports -fno-rtti
... -fno-exceptions
474 configure:9454: gcc -c -g -O2 -fno-rtti -fno-exceptions
... confctest.c >&5
475 configure:9458: $? = 0
476 configure:9471: result: yes
477 configure:9829: checking for gcc option to produce PIC
478 configure:9836: result: -fno-common -DPIC
479 configure:9844: checking if gcc PIC flag -fno-common -DPIC
... works
480 configure:9862: gcc -c -g -O2 -fno-common -DPIC -DPIC
... confctest.c >&5
481 configure:9866: $? = 0
482 configure:9879: result: yes
483 configure:9908: checking if gcc static flag -static works
484 configure:9936: result: no
485 configure:9951: checking if gcc supports -c -o file.o
486 configure:9972: gcc -c -g -O2 -o out/confctest2.o confctest.c
... >&5
487 configure:9976: $? = 0
488 configure:9998: result: yes
489 configure:10006: checking if gcc supports -c -o file.o
490 configure:10053: result: yes
491 configure:10086: checking whether the gcc linker
... (/Applications/Xcode.app/Contents/Developer/Toolchains/
... XcodeDefault.xctoolchain/usr/bin/ld) supports shared libraries
492 configure:11349: result: yes
493 configure:11589: checking dynamic linker characteristics
494 configure:12419: result: darwin18.7.0 dyld
495 configure:12541: checking how to hardcode library paths into
... programs
496 configure:12566: result: immediate
```

```
497 configure:12611: checking for dlopen in -ldl
498 configure:12636: gcc -o conftest -g -O2  conftest.c -ldl
... >&5
499 configure:12636: $? = 0
500 configure:12645: result: yes
501 configure:12868: checking whether a program can dlopen itself
502 configure:12948: gcc -o conftest -g -O2  -DHAVE_DLFCN_H
... conftest.c -ldl  >&5
503 configure:12951: $? = 0
504 configure:12969: result: yes
505 configure:12974: checking whether a statically linked program
... can dlopen itself
506 configure:13054: gcc -o conftest -g -O2  -DHAVE_DLFCN_H
... conftest.c -ldl  >&5
507 configure:13057: $? = 0
508 configure:13075: result: yes
509 configure:13114: checking whether stripping libraries is
... possible
510 configure:13128: result: yes
511 configure:13154: checking if libtool supports shared libraries
512 configure:13156: result: yes
513 configure:13159: checking whether to build shared libraries
514 configure:13184: result: yes
515 configure:13187: checking whether to build static libraries
516 configure:13191: result: yes
517 configure:13214: checking how to run the C++ preprocessor
518 configure:13241: g++ -E  conftest.cpp
519 configure:13241: $? = 0
520 configure:13255: g++ -E  conftest.cpp
521 conftest.cpp:28:10: fatal error: 'ac_nonexistent.h' file not
... found
522 #include <ac_nonexistent.h>
523     ^~~~~~
524 1 error generated.
525 configure:13255: $? = 1
526 configure: failed program was:
527 | /* confdefs.h */
528 | #define PACKAGE_NAME "GNU APL"
529 | #define PACKAGE_TARNAME "apl"
530 | #define PACKAGE_VERSION "1.8"
531 | #define PACKAGE_STRING "GNU APL 1.8"
```

```
532 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
533 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
534 | #define STDC_HEADERS 1
535 | #define HAVE_SYS_TYPES_H 1
536 | #define HAVE_SYS_STAT_H 1
537 | #define HAVE_STDLIB_H 1
538 | #define HAVE_STRING_H 1
539 | #define HAVE_MEMORY_H 1
540 | #define HAVE_STRINGS_H 1
541 | #define HAVE_INTTYPES_H 1
542 | #define HAVE_STDINT_H 1
543 | #define HAVE_UNISTD_H 1
544 | #define __EXTENSIONS__ 1
545 | #define _ALL_SOURCE 1
546 | #define _GNU_SOURCE 1
547 | #define _POSIX_PTHREAD_SEMANTICS 1
548 | #define _TANDEM_SOURCE 1
549 | #define PACKAGE "apl"
550 | #define VERSION "1.8"
551 | #define HAVE_DLFCN_H 1
552 | #define LT_OBJDIR ".libs/"
553 | /* end confdefs.h. */
554 | #include <ac_nonexistent.h>
555 configure:13280: result: g++ -E
556 configure:13300: g++ -E confctest.cpp
557 configure:13300: $? = 0
558 configure:13314: g++ -E confctest.cpp
559 confctest.cpp:28:10: fatal error: 'ac_nonexistent.h' file not
... found
560 #include <ac_nonexistent.h>
561      ^~~~~~
562 1 error generated.
563 configure:13314: $? = 1
564 configure: failed program was:
565 | /* confdefs.h */
566 | #define PACKAGE_NAME "GNU APL"
567 | #define PACKAGE_TARNAME "apl"
568 | #define PACKAGE_VERSION "1.8"
569 | #define PACKAGE_STRING "GNU APL 1.8"
570 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
571 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
```



```
572 | #define STDC_HEADERS 1
573 | #define HAVE_SYS_TYPES_H 1
574 | #define HAVE_SYS_STAT_H 1
575 | #define HAVE_STDLIB_H 1
576 | #define HAVE_STRING_H 1
577 | #define HAVE_MEMORY_H 1
578 | #define HAVE_STRINGS_H 1
579 | #define HAVE_INTTYPES_H 1
580 | #define HAVE_STDINT_H 1
581 | #define HAVE_UNISTD_H 1
582 | #define __EXTENSIONS__ 1
583 | #define _ALL_SOURCE 1
584 | #define _GNU_SOURCE 1
585 | #define _POSIX_PTHREAD_SEMANTICS 1
586 | #define _TANDEM_SOURCE 1
587 | #define PACKAGE "apl"
588 | #define VERSION "1.8"
589 | #define HAVE_DLFCN_H 1
590 | #define LT_OBJDIR ".libs/"
591 | /* end confdefs.h. */
592 | #include <ac_nonexistent.h>
593 configure:13476: checking for ld used by g++
594 configure:13543: result:
... /Applications/Xcode.app/Contents/Developer/Toolchains/
... XcodeDefault.xctoolchain/usr/bin/ld
595 configure:13550: checking if the linker
... (/Applications/Xcode.app/Contents/Developer/Toolchains/
... XcodeDefault.xctoolchain/usr/bin/ld) is GNU ld
596 configure:13565: result: no
597 configure:13620: checking whether the g++ linker
... (/Applications/Xcode.app/Contents/Developer/Toolchains/
... XcodeDefault.xctoolchain/usr/bin/ld) supports shared libraries
598 configure:14693: result: yes
599 configure:14729: g++ -c -g -O2 conftest.cpp >&5
600 configure:14732: $? = 0
601 configure:15213: checking for g++ option to produce PIC
602 configure:15220: result: -fno-common -DPIC
603 configure:15228: checking if g++ PIC flag -fno-common -DPIC
... works
604 configure:15246: g++ -c -g -O2 -fno-common -DPIC -DPIC
... conftest.cpp >&5
```

```
605 configure:15250: $? = 0
606 configure:15263: result: yes
607 configure:15286: checking if g++ static flag -static works
608 configure:15314: result: no
609 configure:15326: checking if g++ supports -c -o file.o
610 configure:15347: g++ -c -g -O2 -o out/conftest2.o
... conftest.cpp >&5
611 configure:15351: $? = 0
612 configure:15373: result: yes
613 configure:15378: checking if g++ supports -c -o file.o
614 configure:15425: result: yes
615 configure:15455: checking whether the g++ linker
... (/Applications/Xcode.app/Contents/Developer/Toolchains/
... XcodeDefault.xctoolchain/usr/bin/ld) supports shared libraries
616 configure:15498: result: yes
617 configure:15639: checking dynamic linker characteristics
618 configure:16396: result: darwin18.7.0 dyld
619 configure:16461: checking how to hardcode library paths into
... programs
620 configure:16486: result: immediate
621 configure:16666: checking for C++ compiler version
622 configure:16675: g++ --version >&5
623 Apple clang version 11.0.0 (clang-1100.0.33.17)
624 Target: x86_64-apple-darwin18.7.0
625 Thread model: posix
626 InstalledDir:
... /Applications/Xcode.app/Contents/Developer/Toolchains/
... XcodeDefault.xctoolchain/usr/bin
627 Configured with:
... --prefix=/Applications/Xcode.app/Contents/Developer/usr
... --with-gxx-include-dir=/Applications/Xcode.app/Contents/
... Developer/Platforms/MacOSX.platform/Developer/SDKs/MacOSX.sdk/
... usr/include/c++/4.2.1
628 configure:16686: $? = 0
629 configure:16675: g++ -v >&5
630 Configured with:
... --prefix=/Applications/Xcode.app/Contents/Developer/usr
... --with-gxx-include-dir=/Applications/Xcode.app/Contents/
... Developer/Platforms/MacOSX.platform/Developer/SDKs/MacOSX.sdk/
... usr/include/c++/4.2.1
631 Apple clang version 11.0.0 (clang-1100.0.33.17)
```

```
632 Target: x86_64-apple-darwin18.7.0
633 Thread model: posix
634 InstalledDir:
... /Applications/Xcode.app/Contents/Developer/Toolchains/
... XcodeDefault.xctoolchain/usr/bin
635 configure:16686: $? = 0
636 configure:16675: g++ -V >&5
637 clang: error: unsupported option '-V
... -Wno-framework-include-private-from-public'
638 clang: error: no input files
639 configure:16686: $? = 1
640 configure:16675: g++ -qversion >&5
641 clang: error: unknown argument '-qversion', did you mean
... '--version'?
642 clang: error: no input files
643 configure:16686: $? = 1
644 configure:16690: checking whether we are using the GNU C++
... compiler
645 configure:16718: result: yes
646 configure:16727: checking whether g++ accepts -g
647 configure:16788: result: yes
648 configure:16813: checking dependency style of g++
649 configure:16924: result: gcc3
650 configure:16987: checking for gcc
651 configure:17014: result: gcc
652 configure:17243: checking for C compiler version
653 configure:17252: gcc --version >&5
654 Apple clang version 11.0.0 (clang-1100.0.33.17)
655 Target: x86_64-apple-darwin18.7.0
656 Thread model: posix
657 InstalledDir:
... /Applications/Xcode.app/Contents/Developer/Toolchains/
... XcodeDefault.xctoolchain/usr/bin
658 Configured with:
... --prefix=/Applications/Xcode.app/Contents/Developer/usr
... --with-gxx-include-dir=/Applications/Xcode.app/Contents/
... Developer/Platforms/MacOSX.platform/Developer/SDKs/MacOSX.sdk/
... usr/include/c++/4.2.1
659 configure:17263: $? = 0
660 configure:17252: gcc -v >&5
661 Configured with:
```

```
661... --prefix=/Applications/Xcode.app/Contents/Developer/usr
... --with-gxx-include-dir=/Applications/Xcode.app/Contents/
... Developer/Platforms/MacOSX.platform/Developer/SDKs/MacOSX.sdk/
... usr/include/c++/4.2.1
662 Apple clang version 11.0.0 (clang-1100.0.33.17)
663 Target: x86_64-apple-darwin18.7.0
664 Thread model: posix
665 InstalledDir:
... /Applications/Xcode.app/Contents/Developer/Toolchains/
... XcodeDefault.xctoolchain/usr/bin
666 configure:17263: $? = 0
667 configure:17252: gcc -V >&5
668 clang: error: unsupported option '-V
... -Wno-framework-include-private-from-public'
669 clang: error: no input files
670 configure:17263: $? = 1
671 configure:17252: gcc -qversion >&5
672 clang: error: unknown argument '-qversion', did you mean
... '--version'?
673 clang: error: no input files
674 configure:17263: $? = 1
675 configure:17267: checking whether we are using the GNU C
... compiler
676 configure:17295: result: yes
677 configure:17304: checking whether gcc accepts -g
678 configure:17365: result: yes
679 configure:17382: checking for gcc option to accept ISO C89
680 configure:17458: result: none needed
681 configure:17483: checking whether gcc understands -c and -o
... together
682 configure:17520: result: yes
683 configure:17580: checking for ranlib
684 configure:17607: result: ranlib
685 configure:17649: checking ncurses.h usability
686 configure:17649: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
687 configure:17649: $? = 0
688 configure:17649: result: yes
689 configure:17649: checking ncurses.h presence
690 configure:17649: g++ -E confctest.cpp
691 configure:17649: $? = 0
```

```
692 configure:17649: result: yes
693 configure:17649: checking for ncurses.h
694 configure:17649: result: yes
695 configure:17672: checking for term.h
696 configure:17672: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confptest.cpp >&5
697 configure:17672: $? = 0
698 configure:17672: result: yes
699 configure:17711: checking dirent.h usability
700 configure:17711: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confptest.cpp >&5
701 configure:17711: $? = 0
702 configure:17711: result: yes
703 configure:17711: checking dirent.h presence
704 configure:17711: g++ -E confptest.cpp
705 configure:17711: $? = 0
706 configure:17711: result: yes
707 configure:17711: checking for dirent.h
708 configure:17711: result: yes
709 configure:17711: checking execinfo.h usability
710 configure:17711: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confptest.cpp >&5
711 configure:17711: $? = 0
712 configure:17711: result: yes
713 configure:17711: checking execinfo.h presence
714 configure:17711: g++ -E confptest.cpp
715 configure:17711: $? = 0
716 configure:17711: result: yes
717 configure:17711: checking for execinfo.h
718 configure:17711: result: yes
719 configure:17711: checking fcntl.h usability
720 configure:17711: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confptest.cpp >&5
721 configure:17711: $? = 0
722 configure:17711: result: yes
723 configure:17711: checking fcntl.h presence
724 configure:17711: g++ -E confptest.cpp
725 configure:17711: $? = 0
726 configure:17711: result: yes
727 configure:17711: checking for fcntl.h
728 configure:17711: result: yes
```

```
729 configure:17711: checking fenv.h usability
730 configure:17711: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
731 configure:17711: $? = 0
732 configure:17711: result: yes
733 configure:17711: checking fenv.h presence
734 configure:17711: g++ -E confctest.cpp
735 configure:17711: $? = 0
736 configure:17711: result: yes
737 configure:17711: checking for fenv.h
738 configure:17711: result: yes
739 configure:17711: checking fftw3.h usability
740 configure:17711: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
741 confctest.cpp:67:10: fatal error: 'fftw3.h' file not found
742 #include <fftw3.h>
743         ^~~~~~
744 1 error generated.
745 configure:17711: $? = 1
746 configure: failed program was:
747 | /* confdefs.h */
748 | #define PACKAGE_NAME "GNU APL"
749 | #define PACKAGE_TARNAME "apl"
750 | #define PACKAGE_VERSION "1.8"
751 | #define PACKAGE_STRING "GNU APL 1.8"
752 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
753 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
754 | #define STDC_HEADERS 1
755 | #define HAVE_SYS_TYPES_H 1
756 | #define HAVE_SYS_STAT_H 1
757 | #define HAVE_STDLIB_H 1
758 | #define HAVE_STRING_H 1
759 | #define HAVE_MEMORY_H 1
760 | #define HAVE_STRINGS_H 1
761 | #define HAVE_INTTYPES_H 1
762 | #define HAVE_STDINT_H 1
763 | #define HAVE_UNISTD_H 1
764 | #define __EXTENSIONS__ 1
765 | #define _ALL_SOURCE 1
766 | #define _GNU_SOURCE 1
767 | #define _POSIX_PTHREAD_SEMANTICS 1
```

```
768 | #define _TANDEM_SOURCE 1
769 | #define PACKAGE "apl"
770 | #define VERSION "1.8"
771 | #define HAVE_DLFCN_H 1
772 | #define LT_OBJDIR ".libs/"
773 | #define HAVE_NCURSES_H 1
774 | #define HAVE_TERM_H 1
775 | #define HAVE_DIRENT_H 1
776 | #define HAVE_EXECINFO_H 1
777 | #define HAVE_FCNTL_H 1
778 | #define HAVE_FENV_H 1
779 | /* end confdefs.h. */
780 | #include <stdio.h>
781 | #ifdef HAVE_SYS_TYPES_H
782 | # include <sys/types.h>
783 | #endif
784 | #ifdef HAVE_SYS_STAT_H
785 | # include <sys/stat.h>
786 | #endif
787 | #ifdef STDC_HEADERS
788 | # include <stdlib.h>
789 | # include <stddef.h>
790 | #else
791 | # ifdef HAVE_STDLIB_H
792 | # include <stdlib.h>
793 | # endif
794 | #endif
795 | #ifdef HAVE_STRING_H
796 | # if !defined STDC_HEADERS && defined HAVE_MEMORY_H
797 | # include <memory.h>
798 | # endif
799 | # include <string.h>
800 | #endif
801 | #ifdef HAVE_STRINGS_H
802 | # include <strings.h>
803 | #endif
804 | #ifdef HAVE_INTTYPES_H
805 | # include <inttypes.h>
806 | #endif
807 | #ifdef HAVE_STDINT_H
808 | # include <stdint.h>
```

```
809 | #endif
810 | #ifdef HAVE_UNISTD_H
811 | # include <unistd.h>
812 | #endif
813 | #include <fftw3.h>
814 configure:17711: result: no
815 configure:17711: checking fftw3.h presence
816 configure:17711: g++ -E confctest.cpp
817 confctest.cpp:34:10: fatal error: 'fftw3.h' file not found
818 #include <fftw3.h>
819         ^~~~~~
820 1 error generated.
821 configure:17711: $? = 1
822 configure: failed program was:
823 | /* confdefs.h */
824 | #define PACKAGE_NAME "GNU APL"
825 | #define PACKAGE_TARNAME "apl"
826 | #define PACKAGE_VERSION "1.8"
827 | #define PACKAGE_STRING "GNU APL 1.8"
828 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
829 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
830 | #define STDC_HEADERS 1
831 | #define HAVE_SYS_TYPES_H 1
832 | #define HAVE_SYS_STAT_H 1
833 | #define HAVE_STDLIB_H 1
834 | #define HAVE_STRING_H 1
835 | #define HAVE_MEMORY_H 1
836 | #define HAVE_STRINGS_H 1
837 | #define HAVE_INTTYPES_H 1
838 | #define HAVE_STDINT_H 1
839 | #define HAVE_UNISTD_H 1
840 | #define __EXTENSIONS__ 1
841 | #define _ALL_SOURCE 1
842 | #define _GNU_SOURCE 1
843 | #define _POSIX_PTHREAD_SEMANTICS 1
844 | #define _TANDEM_SOURCE 1
845 | #define PACKAGE "apl"
846 | #define VERSION "1.8"
847 | #define HAVE_DLFCN_H 1
848 | #define LT_OBJDIR ".libs/"
849 | #define HAVE_NCURSES_H 1
```



```
850 | #define HAVE_TERM_H 1
851 | #define HAVE_DIRENT_H 1
852 | #define HAVE_EXECINFO_H 1
853 | #define HAVE_FCNTL_H 1
854 | #define HAVE_FENV_H 1
855 | /* end confdefs.h. */
856 | #include <fftw3.h>
857 configure:17711: result: no
858 configure:17711: checking for fftw3.h
859 configure:17711: result: no
860 configure:17711: checking for inttypes.h
861 configure:17711: result: yes
862 configure:17711: checking limits.h usability
863 configure:17711: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp >&5
864 configure:17711: $? = 0
865 configure:17711: result: yes
866 configure:17711: checking limits.h presence
867 configure:17711: g++ -E conftest.cpp
868 configure:17711: $? = 0
869 configure:17711: result: yes
870 configure:17711: checking for limits.h
871 configure:17711: result: yes
872 configure:17711: checking malloc.h usability
873 configure:17711: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp >&5
874 conftest.cpp:69:10: fatal error: 'malloc.h' file not found
875 #include <malloc.h>
876     ^~~~~~
877 1 error generated.
878 configure:17711: $? = 1
879 configure: failed program was:
880 | /* confdefs.h */
881 | #define PACKAGE_NAME "GNU APL"
882 | #define PACKAGE_TARNAME "apl"
883 | #define PACKAGE_VERSION "1.8"
884 | #define PACKAGE_STRING "GNU APL 1.8"
885 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
886 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
887 | #define STDC_HEADERS 1
888 | #define HAVE_SYS_TYPES_H 1
```

```
889 | #define HAVE_SYS_STAT_H 1
890 | #define HAVE_STDLIB_H 1
891 | #define HAVE_STRING_H 1
892 | #define HAVE_MEMORY_H 1
893 | #define HAVE_STRINGS_H 1
894 | #define HAVE_INTTYPES_H 1
895 | #define HAVE_STDINT_H 1
896 | #define HAVE_UNISTD_H 1
897 | #define __EXTENSIONS__ 1
898 | #define _ALL_SOURCE 1
899 | #define _GNU_SOURCE 1
900 | #define _POSIX_PTHREAD_SEMANTICS 1
901 | #define _TANDEM_SOURCE 1
902 | #define PACKAGE "apl"
903 | #define VERSION "1.8"
904 | #define HAVE_DLFCN_H 1
905 | #define LT_OBJDIR ".libs/"
906 | #define HAVE_NCURSES_H 1
907 | #define HAVE_TERM_H 1
908 | #define HAVE_DIRENT_H 1
909 | #define HAVE_EXECINFO_H 1
910 | #define HAVE_FCNTL_H 1
911 | #define HAVE_FENV_H 1
912 | #define HAVE_INTTYPES_H 1
913 | #define HAVE_LIMITS_H 1
914 | /* end confdefs.h. */
915 | #include <stdio.h>
916 | #ifdef HAVE_SYS_TYPES_H
917 | # include <sys/types.h>
918 | #endif
919 | #ifdef HAVE_SYS_STAT_H
920 | # include <sys/stat.h>
921 | #endif
922 | #ifdef STDC_HEADERS
923 | # include <stdlib.h>
924 | # include <stddef.h>
925 | #else
926 | # ifdef HAVE_STDLIB_H
927 | # include <stdlib.h>
928 | # endif
929 | #endif
```

```
930 | #ifdef HAVE_STRING_H
931 | # if !defined STDC_HEADERS && defined HAVE_MEMORY_H
932 | # include <memory.h>
933 | # endif
934 | # include <string.h>
935 | #endif
936 | #ifdef HAVE_STRINGS_H
937 | # include <strings.h>
938 | #endif
939 | #ifdef HAVE_INTTYPES_H
940 | # include <inttypes.h>
941 | #endif
942 | #ifdef HAVE_STDINT_H
943 | # include <stdint.h>
944 | #endif
945 | #ifdef HAVE_UNISTD_H
946 | # include <unistd.h>
947 | #endif
948 | #include <malloc.h>
949 configure:17711: result: no
950 configure:17711: checking malloc.h presence
951 configure:17711: g++ -E confctest.cpp
952 confctest.cpp:36:10: fatal error: 'malloc.h' file not found
953 #include <malloc.h>
954     ^~~~~~
955 1 error generated.
956 configure:17711: $? = 1
957 configure: failed program was:
958 | /* confdefs.h */
959 | #define PACKAGE_NAME "GNU APL"
960 | #define PACKAGE_TARNAME "apl"
961 | #define PACKAGE_VERSION "1.8"
962 | #define PACKAGE_STRING "GNU APL 1.8"
963 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
964 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
965 | #define STDC_HEADERS 1
966 | #define HAVE_SYS_TYPES_H 1
967 | #define HAVE_SYS_STAT_H 1
968 | #define HAVE_STDLIB_H 1
969 | #define HAVE_STRING_H 1
970 | #define HAVE_MEMORY_H 1
```

```
971 | #define HAVE_STRINGS_H 1
972 | #define HAVE_INTTYPES_H 1
973 | #define HAVE_STDINT_H 1
974 | #define HAVE_UNISTD_H 1
975 | #define __EXTENSIONS__ 1
976 | #define _ALL_SOURCE 1
977 | #define _GNU_SOURCE 1
978 | #define _POSIX_PTHREAD_SEMANTICS 1
979 | #define _TANDEM_SOURCE 1
980 | #define PACKAGE "apl"
981 | #define VERSION "1.8"
982 | #define HAVE_DLFCN_H 1
983 | #define LT_OBJDIR ".libs/"
984 | #define HAVE_NCURSES_H 1
985 | #define HAVE_TERM_H 1
986 | #define HAVE_DIRENT_H 1
987 | #define HAVE_EXECINFO_H 1
988 | #define HAVE_FCNTL_H 1
989 | #define HAVE_FENV_H 1
990 | #define HAVE_INTTYPES_H 1
991 | #define HAVE_LIMITS_H 1
992 | /* end confdefs.h. */
993 | #include <malloc.h>
994 configure:17711: result: no
995 configure:17711: checking for malloc.h
996 configure:17711: result: no
997 configure:17711: checking netdb.h usability
998 configure:17711: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
999 configure:17711: $? = 0
1000 configure:17711: result: yes
1001 configure:17711: checking netdb.h presence
1002 configure:17711: g++ -E confctest.cpp
1003 configure:17711: $? = 0
1004 configure:17711: result: yes
1005 configure:17711: checking for netdb.h
1006 configure:17711: result: yes
1007 configure:17711: checking png.h usability
1008 configure:17711: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
1009 configure:17711: $? = 0
```

```
1010 configure:17711: result: yes
1011 configure:17711: checking png.h presence
1012 configure:17711: g++ -E conftest.cpp
1013 configure:17711: $? = 0
1014 configure:17711: result: yes
1015 configure:17711: checking for png.h
1016 configure:17711: result: yes
1017 configure:17711: checking for stdint.h
1018 configure:17711: result: yes
1019 configure:17711: checking for stdlib.h
1020 configure:17711: result: yes
1021 configure:17711: checking for string.h
1022 configure:17711: result: yes
1023 configure:17711: checking for strings.h
1024 configure:17711: result: yes
1025 configure:17711: checking termios.h usability
1026 configure:17711: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp >&5
1027 configure:17711: $? = 0
1028 configure:17711: result: yes
1029 configure:17711: checking termios.h presence
1030 configure:17711: g++ -E conftest.cpp
1031 configure:17711: $? = 0
1032 configure:17711: result: yes
1033 configure:17711: checking for termios.h
1034 configure:17711: result: yes
1035 configure:17711: checking for unistd.h
1036 configure:17711: result: yes
1037 configure:17711: checking utmpx.h usability
1038 configure:17711: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp >&5
1039 configure:17711: $? = 0
1040 configure:17711: result: yes
1041 configure:17711: checking utmpx.h presence
1042 configure:17711: g++ -E conftest.cpp
1043 configure:17711: $? = 0
1044 configure:17711: result: yes
1045 configure:17711: checking for utmpx.h
1046 configure:17711: result: yes
1047 configure:17711: checking zlib.h usability
1048 configure:17711: g++ -c -g -O2 -I
```

```
1048... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
1049 configure:17711: $? = 0
1050 configure:17711: result: yes
1051 configure:17711: checking zlib.h presence
1052 configure:17711: g++ -E confctest.cpp
1053 configure:17711: $? = 0
1054 configure:17711: result: yes
1055 configure:17711: checking for zlib.h
1056 configure:17711: result: yes
1057 configure:17711: checking netinet/in.h usability
1058 configure:17711: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
1059 configure:17711: $? = 0
1060 configure:17711: result: yes
1061 configure:17711: checking netinet/in.h presence
1062 configure:17711: g++ -E confctest.cpp
1063 configure:17711: $? = 0
1064 configure:17711: result: yes
1065 configure:17711: checking for netinet/in.h
1066 configure:17711: result: yes
1067 configure:17711: checking sys/ioctl.h usability
1068 configure:17711: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
1069 configure:17711: $? = 0
1070 configure:17711: result: yes
1071 configure:17711: checking sys/ioctl.h presence
1072 configure:17711: g++ -E confctest.cpp
1073 configure:17711: $? = 0
1074 configure:17711: result: yes
1075 configure:17711: checking for sys/ioctl.h
1076 configure:17711: result: yes
1077 configure:17711: checking sys/socket.h usability
1078 configure:17711: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
1079 configure:17711: $? = 0
1080 configure:17711: result: yes
1081 configure:17711: checking sys/socket.h presence
1082 configure:17711: g++ -E confctest.cpp
1083 configure:17711: $? = 0
1084 configure:17711: result: yes
1085 configure:17711: checking for sys/socket.h
```

```
1086 configure:17711: result: yes
1087 configure:17711: checking sys/time.h usability
1088 configure:17711: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp >&5
1089 configure:17711: $? = 0
1090 configure:17711: result: yes
1091 configure:17711: checking sys/time.h presence
1092 configure:17711: g++ -E conftest.cpp
1093 configure:17711: $? = 0
1094 configure:17711: result: yes
1095 configure:17711: checking for sys/time.h
1096 configure:17711: result: yes
1097 configure:17711: checking sys/un.h usability
1098 configure:17711: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp >&5
1099 configure:17711: $? = 0
1100 configure:17711: result: yes
1101 configure:17711: checking sys/un.h presence
1102 configure:17711: g++ -E conftest.cpp
1103 configure:17711: $? = 0
1104 configure:17711: result: yes
1105 configure:17711: checking for sys/un.h
1106 configure:17711: result: yes
1107 configure:17711: checking ext/atomicity.h usability
1108 configure:17711: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp >&5
1109 conftest.cpp:84:10: fatal error: 'ext/atomicity.h' file not
... found
1110 #include <ext/atomicity.h>
1111     ^~~~~~
1112 1 error generated.
1113 configure:17711: $? = 1
1114 configure: failed program was:
1115 | /* confdefs.h */
1116 | #define PACKAGE_NAME "GNU APL"
1117 | #define PACKAGE_TARNAME "apl"
1118 | #define PACKAGE_VERSION "1.8"
1119 | #define PACKAGE_STRING "GNU APL 1.8"
1120 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
1121 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
1122 | #define STDC_HEADERS 1
```

```
1123 | #define HAVE_SYS_TYPES_H 1
1124 | #define HAVE_SYS_STAT_H 1
1125 | #define HAVE_STDLIB_H 1
1126 | #define HAVE_STRING_H 1
1127 | #define HAVE_MEMORY_H 1
1128 | #define HAVE_STRINGS_H 1
1129 | #define HAVE_INTTYPES_H 1
1130 | #define HAVE_STDINT_H 1
1131 | #define HAVE_UNISTD_H 1
1132 | #define __EXTENSIONS__ 1
1133 | #define _ALL_SOURCE 1
1134 | #define _GNU_SOURCE 1
1135 | #define _POSIX_PTHREAD_SEMANTICS 1
1136 | #define _TANDEM_SOURCE 1
1137 | #define PACKAGE "apl"
1138 | #define VERSION "1.8"
1139 | #define HAVE_DLFCN_H 1
1140 | #define LT_OBJDIR ".libs/"
1141 | #define HAVE_NCURSES_H 1
1142 | #define HAVE_TERM_H 1
1143 | #define HAVE_DIRENT_H 1
1144 | #define HAVE_EXECINFO_H 1
1145 | #define HAVE_FCNTL_H 1
1146 | #define HAVE_FENV_H 1
1147 | #define HAVE_INTTYPES_H 1
1148 | #define HAVE_LIMITS_H 1
1149 | #define HAVE_NETDB_H 1
1150 | #define HAVE_PNG_H 1
1151 | #define HAVE_STDINT_H 1
1152 | #define HAVE_STDLIB_H 1
1153 | #define HAVE_STRING_H 1
1154 | #define HAVE_STRINGS_H 1
1155 | #define HAVE_TERMIOS_H 1
1156 | #define HAVE_UNISTD_H 1
1157 | #define HAVE_UTMPX_H 1
1158 | #define HAVE_ZLIB_H 1
1159 | #define HAVE_NETINET_IN_H 1
1160 | #define HAVE_SYS_IOCTL_H 1
1161 | #define HAVE_SYS_SOCKET_H 1
1162 | #define HAVE_SYS_TIME_H 1
1163 | #define HAVE_SYS_UN_H 1
```



```
1164 | /* end confdefs.h. */
1165 | #include <stdio.h>
1166 | #ifdef HAVE_SYS_TYPES_H
1167 | # include <sys/types.h>
1168 | #endif
1169 | #ifdef HAVE_SYS_STAT_H
1170 | # include <sys/stat.h>
1171 | #endif
1172 | #ifdef STDC_HEADERS
1173 | # include <stdlib.h>
1174 | # include <stddef.h>
1175 | #else
1176 | # ifdef HAVE_STDLIB_H
1177 | # include <stdlib.h>
1178 | # endif
1179 | #endif
1180 | #ifdef HAVE_STRING_H
1181 | # if !defined STDC_HEADERS && defined HAVE_MEMORY_H
1182 | # include <memory.h>
1183 | # endif
1184 | # include <string.h>
1185 | #endif
1186 | #ifdef HAVE_STRINGS_H
1187 | # include <strings.h>
1188 | #endif
1189 | #ifdef HAVE_INTTYPES_H
1190 | # include <inttypes.h>
1191 | #endif
1192 | #ifdef HAVE_STDINT_H
1193 | # include <stdint.h>
1194 | #endif
1195 | #ifdef HAVE_UNISTD_H
1196 | # include <unistd.h>
1197 | #endif
1198 | #include <ext/atomicity.h>
1199 configure:17711: result: no
1200 configure:17711: checking ext/atomicity.h presence
1201 configure:17711: g++ -E confctest.cpp
1202 confctest.cpp:51:10: fatal error: 'ext/atomicity.h' file not
... found
1203 #include <ext/atomicity.h>
```

```
1204      ^~~~~~
1205 1 error generated.
1206 configure:17711: $? = 1
1207 configure: failed program was:
1208 | /* confdefs.h */
1209 | #define PACKAGE_NAME "GNU APL"
1210 | #define PACKAGE_TARNAME "apl"
1211 | #define PACKAGE_VERSION "1.8"
1212 | #define PACKAGE_STRING "GNU APL 1.8"
1213 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
1214 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
1215 | #define STDC_HEADERS 1
1216 | #define HAVE_SYS_TYPES_H 1
1217 | #define HAVE_SYS_STAT_H 1
1218 | #define HAVE_STDLIB_H 1
1219 | #define HAVE_STRING_H 1
1220 | #define HAVE_MEMORY_H 1
1221 | #define HAVE_STRINGS_H 1
1222 | #define HAVE_INTTYPES_H 1
1223 | #define HAVE_STDINT_H 1
1224 | #define HAVE_UNISTD_H 1
1225 | #define __EXTENSIONS__ 1
1226 | #define _ALL_SOURCE 1
1227 | #define _GNU_SOURCE 1
1228 | #define _POSIX_PTHREAD_SEMANTICS 1
1229 | #define _TANDEM_SOURCE 1
1230 | #define PACKAGE "apl"
1231 | #define VERSION "1.8"
1232 | #define HAVE_DLFCN_H 1
1233 | #define LT_OBJDIR ".libs/"
1234 | #define HAVE_NCURSES_H 1
1235 | #define HAVE_TERM_H 1
1236 | #define HAVE_DIRENT_H 1
1237 | #define HAVE_EXECINFO_H 1
1238 | #define HAVE_FCNTL_H 1
1239 | #define HAVE_FENV_H 1
1240 | #define HAVE_INTTYPES_H 1
1241 | #define HAVE_LIMITS_H 1
1242 | #define HAVE_NETDB_H 1
1243 | #define HAVE_PNG_H 1
1244 | #define HAVE_STDINT_H 1
```

```
1245 | #define HAVE_STDLIB_H 1
1246 | #define HAVE_STRING_H 1
1247 | #define HAVE_STRINGS_H 1
1248 | #define HAVE_TERMIOS_H 1
1249 | #define HAVE_UNISTD_H 1
1250 | #define HAVE_UTMPX_H 1
1251 | #define HAVE_ZLIB_H 1
1252 | #define HAVE_NETINET_IN_H 1
1253 | #define HAVE_SYS_IOCTL_H 1
1254 | #define HAVE_SYS_SOCKET_H 1
1255 | #define HAVE_SYS_TIME_H 1
1256 | #define HAVE_SYS_UN_H 1
1257 | /* end confdefs.h. */
1258 | #include <ext/atomicity.h>
1259 configure:17711: result: no
1260 configure:17711: checking for ext/atomicity.h
1261 configure:17711: result: no
1262 configure:17711: checking xcb/xcb.h usability
1263 configure:17711: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp >&5
1264 conftest.cpp:84:10: fatal error: 'xcb/xcb.h' file not found
1265 #include <xcb/xcb.h>
1266      ^~~~~~
1267 1 error generated.
1268 configure:17711: $? = 1
1269 configure: failed program was:
1270 | /* confdefs.h */
1271 | #define PACKAGE_NAME "GNU APL"
1272 | #define PACKAGE_TARNAME "apl"
1273 | #define PACKAGE_VERSION "1.8"
1274 | #define PACKAGE_STRING "GNU APL 1.8"
1275 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
1276 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
1277 | #define STDC_HEADERS 1
1278 | #define HAVE_SYS_TYPES_H 1
1279 | #define HAVE_SYS_STAT_H 1
1280 | #define HAVE_STDLIB_H 1
1281 | #define HAVE_STRING_H 1
1282 | #define HAVE_MEMORY_H 1
1283 | #define HAVE_STRINGS_H 1
1284 | #define HAVE_INTTYPES_H 1
```

```
1285 | #define HAVE_STDINT_H 1
1286 | #define HAVE_UNISTD_H 1
1287 | #define __EXTENSIONS__ 1
1288 | #define _ALL_SOURCE 1
1289 | #define _GNU_SOURCE 1
1290 | #define _POSIX_PTHREAD_SEMANTICS 1
1291 | #define _TANDEM_SOURCE 1
1292 | #define PACKAGE "apl"
1293 | #define VERSION "1.8"
1294 | #define HAVE_DLFCN_H 1
1295 | #define LT_OBJDIR ".libs/"
1296 | #define HAVE_NCURSES_H 1
1297 | #define HAVE_TERM_H 1
1298 | #define HAVE_DIRENT_H 1
1299 | #define HAVE_EXECINFO_H 1
1300 | #define HAVE_FCNTL_H 1
1301 | #define HAVE_FENV_H 1
1302 | #define HAVE_INTPYPES_H 1
1303 | #define HAVE_LIMITS_H 1
1304 | #define HAVE_NETDB_H 1
1305 | #define HAVE_PNG_H 1
1306 | #define HAVE_STDINT_H 1
1307 | #define HAVE_STDLIB_H 1
1308 | #define HAVE_STRING_H 1
1309 | #define HAVE_STRINGS_H 1
1310 | #define HAVE_TERMIOS_H 1
1311 | #define HAVE_UNISTD_H 1
1312 | #define HAVE_UTMPX_H 1
1313 | #define HAVE_ZLIB_H 1
1314 | #define HAVE_NETINET_IN_H 1
1315 | #define HAVE_SYS_IOCTL_H 1
1316 | #define HAVE_SYS_SOCKET_H 1
1317 | #define HAVE_SYS_TIME_H 1
1318 | #define HAVE_SYS_UN_H 1
1319 | /* end confdefs.h. */
1320 | #include <stdio.h>
1321 | #ifdef HAVE_SYS_TYPES_H
1322 | # include <sys/types.h>
1323 | #endif
1324 | #ifdef HAVE_SYS_STAT_H
1325 | # include <sys/stat.h>
```

```
1326 | #endif
1327 | #ifdef STDC_HEADERS
1328 | # include <stdlib.h>
1329 | # include <stddef.h>
1330 | #else
1331 | # ifdef HAVE_STDLIB_H
1332 | #  include <stdlib.h>
1333 | # endif
1334 | #endif
1335 | #ifdef HAVE_STRING_H
1336 | # if !defined STDC_HEADERS && defined HAVE_MEMORY_H
1337 | #  include <memory.h>
1338 | # endif
1339 | # include <string.h>
1340 | #endif
1341 | #ifdef HAVE_STRINGS_H
1342 | # include <strings.h>
1343 | #endif
1344 | #ifdef HAVE_INTTYPES_H
1345 | # include <inttypes.h>
1346 | #endif
1347 | #ifdef HAVE_STDINT_H
1348 | # include <stdint.h>
1349 | #endif
1350 | #ifdef HAVE_UNISTD_H
1351 | # include <unistd.h>
1352 | #endif
1353 | #include <xcb/xcb.h>
1354 configure:17711: result: no
1355 configure:17711: checking xcb/xcb.h presence
1356 configure:17711: g++ -E confctest.cpp
1357 confctest.cpp:51:10: fatal error: 'xcb/xcb.h' file not found
1358 #include <xcb/xcb.h>
1359      ^~~~~~
1360 1 error generated.
1361 configure:17711: $? = 1
1362 configure: failed program was:
1363 | /* confdefs.h */
1364 | #define PACKAGE_NAME "GNU APL"
1365 | #define PACKAGE_TARNAME "apl"
1366 | #define PACKAGE_VERSION "1.8"
```

```
1367 | #define PACKAGE_STRING "GNU APL 1.8"
1368 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
1369 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
1370 | #define STDC_HEADERS 1
1371 | #define HAVE_SYS_TYPES_H 1
1372 | #define HAVE_SYS_STAT_H 1
1373 | #define HAVE_STDLIB_H 1
1374 | #define HAVE_STRING_H 1
1375 | #define HAVE_MEMORY_H 1
1376 | #define HAVE_STRINGS_H 1
1377 | #define HAVE_INTTYPES_H 1
1378 | #define HAVE_STDINT_H 1
1379 | #define HAVE_UNISTD_H 1
1380 | #define __EXTENSIONS__ 1
1381 | #define _ALL_SOURCE 1
1382 | #define _GNU_SOURCE 1
1383 | #define _POSIX_PTHREAD_SEMANTICS 1
1384 | #define _TANDEM_SOURCE 1
1385 | #define PACKAGE "apl"
1386 | #define VERSION "1.8"
1387 | #define HAVE_DLFCN_H 1
1388 | #define LT_OBJDIR ".libs/"
1389 | #define HAVE_NCURSES_H 1
1390 | #define HAVE_TERM_H 1
1391 | #define HAVE_DIRENT_H 1
1392 | #define HAVE_EXECINFO_H 1
1393 | #define HAVE_FCNTL_H 1
1394 | #define HAVE_FENV_H 1
1395 | #define HAVE_INTTYPES_H 1
1396 | #define HAVE_LIMITS_H 1
1397 | #define HAVE_NETDB_H 1
1398 | #define HAVE_PNG_H 1
1399 | #define HAVE_STDINT_H 1
1400 | #define HAVE_STDLIB_H 1
1401 | #define HAVE_STRING_H 1
1402 | #define HAVE_STRINGS_H 1
1403 | #define HAVE_TERMIOS_H 1
1404 | #define HAVE_UNISTD_H 1
1405 | #define HAVE_UTMPX_H 1
1406 | #define HAVE_ZLIB_H 1
1407 | #define HAVE_NETINET_IN_H 1
```

```
1408 | #define HAVE_SYS_IOCTL_H 1
1409 | #define HAVE_SYS_SOCKET_H 1
1410 | #define HAVE_SYS_TIME_H 1
1411 | #define HAVE_SYS_UN_H 1
1412 | /* end confdefs.h. */
1413 | #include <xcb/xcb.h>
1414 configure:17711: result: no
1415 configure:17711: checking for xcb/xcb.h
1416 configure:17711: result: no
1417 configure:17711: checking X11/Xlib.h usability
1418 configure:17711: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
1419 confctest.cpp:84:10: fatal error: 'X11/Xlib.h' file not found
1420 #include <X11/Xlib.h>
1421      ^~~~~~
1422 1 error generated.
1423 configure:17711: $? = 1
1424 configure: failed program was:
1425 | /* confdefs.h */
1426 | #define PACKAGE_NAME "GNU APL"
1427 | #define PACKAGE_TARNAME "apl"
1428 | #define PACKAGE_VERSION "1.8"
1429 | #define PACKAGE_STRING "GNU APL 1.8"
1430 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
1431 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
1432 | #define STDC_HEADERS 1
1433 | #define HAVE_SYS_TYPES_H 1
1434 | #define HAVE_SYS_STAT_H 1
1435 | #define HAVE_STDLIB_H 1
1436 | #define HAVE_STRING_H 1
1437 | #define HAVE_MEMORY_H 1
1438 | #define HAVE_STRINGS_H 1
1439 | #define HAVE_INTTYPES_H 1
1440 | #define HAVE_STDINT_H 1
1441 | #define HAVE_UNISTD_H 1
1442 | #define __EXTENSIONS__ 1
1443 | #define _ALL_SOURCE 1
1444 | #define _GNU_SOURCE 1
1445 | #define _POSIX_PTHREAD_SEMANTICS 1
1446 | #define _TANDEM_SOURCE 1
1447 | #define PACKAGE "apl"
```

```
1448 | #define VERSION "1.8"
1449 | #define HAVE_DLFCN_H 1
1450 | #define LT_OBJDIR ".libs/"
1451 | #define HAVE_NCURSES_H 1
1452 | #define HAVE_TERM_H 1
1453 | #define HAVE_DIRENT_H 1
1454 | #define HAVE_EXECINFO_H 1
1455 | #define HAVE_FCNTL_H 1
1456 | #define HAVE_FENV_H 1
1457 | #define HAVE_INTTYPES_H 1
1458 | #define HAVE_LIMITS_H 1
1459 | #define HAVE_NETDB_H 1
1460 | #define HAVE_PNG_H 1
1461 | #define HAVE_STDINT_H 1
1462 | #define HAVE_STDLIB_H 1
1463 | #define HAVE_STRING_H 1
1464 | #define HAVE_STRINGS_H 1
1465 | #define HAVE_TERMIOS_H 1
1466 | #define HAVE_UNISTD_H 1
1467 | #define HAVE_UTMPX_H 1
1468 | #define HAVE_ZLIB_H 1
1469 | #define HAVE_NETINET_IN_H 1
1470 | #define HAVE_SYS_IOCTL_H 1
1471 | #define HAVE_SYS_SOCKET_H 1
1472 | #define HAVE_SYS_TIME_H 1
1473 | #define HAVE_SYS_UN_H 1
1474 | /* end confdefs.h. */
1475 | #include <stdio.h>
1476 | #ifdef HAVE_SYS_TYPES_H
1477 | # include <sys/types.h>
1478 | #endif
1479 | #ifdef HAVE_SYS_STAT_H
1480 | # include <sys/stat.h>
1481 | #endif
1482 | #ifdef STDC_HEADERS
1483 | # include <stdlib.h>
1484 | # include <stddef.h>
1485 | #else
1486 | # ifdef HAVE_STDLIB_H
1487 | # include <stdlib.h>
1488 | # endif
```



```
1489 | #endif
1490 | #ifdef HAVE_STRING_H
1491 | # if !defined STDC_HEADERS && defined HAVE_MEMORY_H
1492 | # include <memory.h>
1493 | # endif
1494 | # include <string.h>
1495 | #endif
1496 | #ifdef HAVE_STRINGS_H
1497 | # include <strings.h>
1498 | #endif
1499 | #ifdef HAVE_INTTYPES_H
1500 | # include <inttypes.h>
1501 | #endif
1502 | #ifdef HAVE_STDINT_H
1503 | # include <stdint.h>
1504 | #endif
1505 | #ifdef HAVE_UNISTD_H
1506 | # include <unistd.h>
1507 | #endif
1508 | #include <X11/Xlib.h>
1509 configure:17711: result: no
1510 configure:17711: checking X11/Xlib.h presence
1511 configure:17711: g++ -E confctest.cpp
1512 confctest.cpp:51:10: fatal error: 'X11/Xlib.h' file not found
1513 #include <X11/Xlib.h>
1514         ^~~~~~
1515 1 error generated.
1516 configure:17711: $? = 1
1517 configure: failed program was:
1518 | /* confdefs.h */
1519 | #define PACKAGE_NAME "GNU APL"
1520 | #define PACKAGE_TARNAME "apl"
1521 | #define PACKAGE_VERSION "1.8"
1522 | #define PACKAGE_STRING "GNU APL 1.8"
1523 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
1524 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
1525 | #define STDC_HEADERS 1
1526 | #define HAVE_SYS_TYPES_H 1
1527 | #define HAVE_SYS_STAT_H 1
1528 | #define HAVE_STDLIB_H 1
1529 | #define HAVE_STRING_H 1
```

```
1530 | #define HAVE_MEMORY_H 1
1531 | #define HAVE_STRINGS_H 1
1532 | #define HAVE_INTTYPES_H 1
1533 | #define HAVE_STDINT_H 1
1534 | #define HAVE_UNISTD_H 1
1535 | #define __EXTENSIONS__ 1
1536 | #define _ALL_SOURCE 1
1537 | #define _GNU_SOURCE 1
1538 | #define _POSIX_PTHREAD_SEMANTICS 1
1539 | #define _TANDEM_SOURCE 1
1540 | #define PACKAGE "apl"
1541 | #define VERSION "1.8"
1542 | #define HAVE_DLFCN_H 1
1543 | #define LT_OBJDIR ".libs/"
1544 | #define HAVE_NCURSES_H 1
1545 | #define HAVE_TERM_H 1
1546 | #define HAVE_DIRENT_H 1
1547 | #define HAVE_EXECINFO_H 1
1548 | #define HAVE_FCNTL_H 1
1549 | #define HAVE_FENV_H 1
1550 | #define HAVE_INTTYPES_H 1
1551 | #define HAVE_LIMITS_H 1
1552 | #define HAVE_NETDB_H 1
1553 | #define HAVE_PNG_H 1
1554 | #define HAVE_STDINT_H 1
1555 | #define HAVE_STDLIB_H 1
1556 | #define HAVE_STRING_H 1
1557 | #define HAVE_STRINGS_H 1
1558 | #define HAVE_TERMIOS_H 1
1559 | #define HAVE_UNISTD_H 1
1560 | #define HAVE_UTMPX_H 1
1561 | #define HAVE_ZLIB_H 1
1562 | #define HAVE_NETINET_IN_H 1
1563 | #define HAVE_SYS_IOCTL_H 1
1564 | #define HAVE_SYS_SOCKET_H 1
1565 | #define HAVE_SYS_TIME_H 1
1566 | #define HAVE_SYS_UN_H 1
1567 | /* end confdefs.h. */
1568 | #include <X11/Xlib.h>
1569 | configure:17711: result: no
1570 | configure:17711: checking for X11/Xlib.h
```

```
1571 configure:17711: result: no
1572 configure:17711: checking X11/Xlib-xcb.h usability
1573 configure:17711: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
1574 confctest.cpp:84:10: fatal error: 'X11/Xlib-xcb.h' file not
... found
1575 #include <X11/Xlib-xcb.h>
1576     ^~~~~~
1577 1 error generated.
1578 configure:17711: $? = 1
1579 configure: failed program was:
1580 | /* confdefs.h */
1581 | #define PACKAGE_NAME "GNU APL"
1582 | #define PACKAGE_TARNAME "apl"
1583 | #define PACKAGE_VERSION "1.8"
1584 | #define PACKAGE_STRING "GNU APL 1.8"
1585 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
1586 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
1587 | #define STDC_HEADERS 1
1588 | #define HAVE_SYS_TYPES_H 1
1589 | #define HAVE_SYS_STAT_H 1
1590 | #define HAVE_STDLIB_H 1
1591 | #define HAVE_STRING_H 1
1592 | #define HAVE_MEMORY_H 1
1593 | #define HAVE_STRINGS_H 1
1594 | #define HAVE_INTTYPES_H 1
1595 | #define HAVE_STDINT_H 1
1596 | #define HAVE_UNISTD_H 1
1597 | #define __EXTENSIONS__ 1
1598 | #define _ALL_SOURCE 1
1599 | #define _GNU_SOURCE 1
1600 | #define _POSIX_PTHREAD_SEMANTICS 1
1601 | #define _TANDEM_SOURCE 1
1602 | #define PACKAGE "apl"
1603 | #define VERSION "1.8"
1604 | #define HAVE_DLFCN_H 1
1605 | #define LT_OBJDIR ".libs/"
1606 | #define HAVE_NCURSES_H 1
1607 | #define HAVE_TERM_H 1
1608 | #define HAVE_DIRENT_H 1
1609 | #define HAVE_EXECINFO_H 1
```

```
1610 | #define HAVE_FCNTL_H 1
1611 | #define HAVE_FENV_H 1
1612 | #define HAVE_INTTYPES_H 1
1613 | #define HAVE_LIMITS_H 1
1614 | #define HAVE_NETDB_H 1
1615 | #define HAVE_PNG_H 1
1616 | #define HAVE_STDINT_H 1
1617 | #define HAVE_STDLIB_H 1
1618 | #define HAVE_STRING_H 1
1619 | #define HAVE_STRINGS_H 1
1620 | #define HAVE_TERMIOS_H 1
1621 | #define HAVE_UNISTD_H 1
1622 | #define HAVE_UTMPX_H 1
1623 | #define HAVE_ZLIB_H 1
1624 | #define HAVE_NETINET_IN_H 1
1625 | #define HAVE_SYS_IOCTL_H 1
1626 | #define HAVE_SYS_SOCKET_H 1
1627 | #define HAVE_SYS_TIME_H 1
1628 | #define HAVE_SYS_UN_H 1
1629 | /* end confdefs.h. */
1630 | #include <stdio.h>
1631 | #ifdef HAVE_SYS_TYPES_H
1632 | # include <sys/types.h>
1633 | #endif
1634 | #ifdef HAVE_SYS_STAT_H
1635 | # include <sys/stat.h>
1636 | #endif
1637 | #ifdef STDC_HEADERS
1638 | # include <stdlib.h>
1639 | # include <stddef.h>
1640 | #else
1641 | # ifdef HAVE_STDLIB_H
1642 | # include <stdlib.h>
1643 | # endif
1644 | #endif
1645 | #ifdef HAVE_STRING_H
1646 | # if !defined STDC_HEADERS && defined HAVE_MEMORY_H
1647 | # include <memory.h>
1648 | # endif
1649 | # include <string.h>
1650 | #endif
```

```
1651 | #ifdef HAVE_STRINGS_H
1652 | # include <strings.h>
1653 | #endif
1654 | #ifdef HAVE_INTTYPES_H
1655 | # include <inttypes.h>
1656 | #endif
1657 | #ifdef HAVE_STDINT_H
1658 | # include <stdint.h>
1659 | #endif
1660 | #ifdef HAVE_UNISTD_H
1661 | # include <unistd.h>
1662 | #endif
1663 | #include <X11/Xlib-xcb.h>
1664 configure:17711: result: no
1665 configure:17711: checking X11/Xlib-xcb.h presence
1666 configure:17711: g++ -E confctest.cpp
1667 confctest.cpp:51:10: fatal error: 'X11/Xlib-xcb.h' file not
... found
1668 #include <X11/Xlib-xcb.h>
1669         ^~~~~~
1670 1 error generated.
1671 configure:17711: $? = 1
1672 configure: failed program was:
1673 | /* confdefs.h */
1674 | #define PACKAGE_NAME "GNU APL"
1675 | #define PACKAGE_TARNAME "apl"
1676 | #define PACKAGE_VERSION "1.8"
1677 | #define PACKAGE_STRING "GNU APL 1.8"
1678 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
1679 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
1680 | #define STDC_HEADERS 1
1681 | #define HAVE_SYS_TYPES_H 1
1682 | #define HAVE_SYS_STAT_H 1
1683 | #define HAVE_STDLIB_H 1
1684 | #define HAVE_STRING_H 1
1685 | #define HAVE_MEMORY_H 1
1686 | #define HAVE_STRINGS_H 1
1687 | #define HAVE_INTTYPES_H 1
1688 | #define HAVE_STDINT_H 1
1689 | #define HAVE_UNISTD_H 1
1690 | #define __EXTENSIONS__ 1
```

```
1691 | #define _ALL_SOURCE 1
1692 | #define _GNU_SOURCE 1
1693 | #define _POSIX_PTHREAD_SEMANTICS 1
1694 | #define _TANDEM_SOURCE 1
1695 | #define PACKAGE "apl"
1696 | #define VERSION "1.8"
1697 | #define HAVE_DLFCN_H 1
1698 | #define LT_OBJDIR ".libs/"
1699 | #define HAVE_NCURSES_H 1
1700 | #define HAVE_TERM_H 1
1701 | #define HAVE_DIRENT_H 1
1702 | #define HAVE_EXECINFO_H 1
1703 | #define HAVE_FCNTL_H 1
1704 | #define HAVE_FENV_H 1
1705 | #define HAVE_INTTYPES_H 1
1706 | #define HAVE_LIMITS_H 1
1707 | #define HAVE_NETDB_H 1
1708 | #define HAVE_PNG_H 1
1709 | #define HAVE_STDINT_H 1
1710 | #define HAVE_STDLIB_H 1
1711 | #define HAVE_STRING_H 1
1712 | #define HAVE_STRINGS_H 1
1713 | #define HAVE_TERMIOS_H 1
1714 | #define HAVE_UNISTD_H 1
1715 | #define HAVE_UTMPX_H 1
1716 | #define HAVE_ZLIB_H 1
1717 | #define HAVE_NETINET_IN_H 1
1718 | #define HAVE_SYS_IOCTL_H 1
1719 | #define HAVE_SYS_SOCKET_H 1
1720 | #define HAVE_SYS_TIME_H 1
1721 | #define HAVE_SYS_UN_H 1
1722 | /* end confdefs.h. */
1723 | #include <X11/Xlib-xcb.h>
1724 configure:17711: result: no
1725 configure:17711: checking for X11/Xlib-xcb.h
1726 configure:17711: result: no
1727 configure:17711: checking X11/Xutil.h usability
1728 configure:17711: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp >&5
1729 conftest.cpp:84:10: fatal error: 'X11/Xutil.h' file not found
1730 #include <X11/Xutil.h>
```

```
1731      ^~~~~~
1732 1 error generated.
1733 configure:17711: $? = 1
1734 configure: failed program was:
1735 | /* confdefs.h */
1736 | #define PACKAGE_NAME "GNU APL"
1737 | #define PACKAGE_TARNAME "apl"
1738 | #define PACKAGE_VERSION "1.8"
1739 | #define PACKAGE_STRING "GNU APL 1.8"
1740 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
1741 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
1742 | #define STDC_HEADERS 1
1743 | #define HAVE_SYS_TYPES_H 1
1744 | #define HAVE_SYS_STAT_H 1
1745 | #define HAVE_STDLIB_H 1
1746 | #define HAVE_STRING_H 1
1747 | #define HAVE_MEMORY_H 1
1748 | #define HAVE_STRINGS_H 1
1749 | #define HAVE_INTTYPES_H 1
1750 | #define HAVE_STDINT_H 1
1751 | #define HAVE_UNISTD_H 1
1752 | #define __EXTENSIONS__ 1
1753 | #define _ALL_SOURCE 1
1754 | #define _GNU_SOURCE 1
1755 | #define _POSIX_PTHREAD_SEMANTICS 1
1756 | #define _TANDEM_SOURCE 1
1757 | #define PACKAGE "apl"
1758 | #define VERSION "1.8"
1759 | #define HAVE_DLFCN_H 1
1760 | #define LT_OBJDIR ".libs/"
1761 | #define HAVE_NCURSES_H 1
1762 | #define HAVE_TERM_H 1
1763 | #define HAVE_DIRENT_H 1
1764 | #define HAVE_EXECINFO_H 1
1765 | #define HAVE_FCNTL_H 1
1766 | #define HAVE_FENV_H 1
1767 | #define HAVE_INTTYPES_H 1
1768 | #define HAVE_LIMITS_H 1
1769 | #define HAVE_NETDB_H 1
1770 | #define HAVE_PNG_H 1
1771 | #define HAVE_STDINT_H 1
```

```
1772 | #define HAVE_STDLIB_H 1
1773 | #define HAVE_STRING_H 1
1774 | #define HAVE_STRINGS_H 1
1775 | #define HAVE_TERMIOS_H 1
1776 | #define HAVE_UNISTD_H 1
1777 | #define HAVE_UTMPX_H 1
1778 | #define HAVE_ZLIB_H 1
1779 | #define HAVE_NETINET_IN_H 1
1780 | #define HAVE_SYS_IOCTL_H 1
1781 | #define HAVE_SYS_SOCKET_H 1
1782 | #define HAVE_SYS_TIME_H 1
1783 | #define HAVE_SYS_UN_H 1
1784 | /* end confdefs.h. */
1785 | #include <stdio.h>
1786 | #ifdef HAVE_SYS_TYPES_H
1787 | # include <sys/types.h>
1788 | #endif
1789 | #ifdef HAVE_SYS_STAT_H
1790 | # include <sys/stat.h>
1791 | #endif
1792 | #ifdef STDC_HEADERS
1793 | # include <stdlib.h>
1794 | # include <stddef.h>
1795 | #else
1796 | # ifdef HAVE_STDLIB_H
1797 | # include <stdlib.h>
1798 | # endif
1799 | #endif
1800 | #ifdef HAVE_STRING_H
1801 | # if !defined STDC_HEADERS && defined HAVE_MEMORY_H
1802 | # include <memory.h>
1803 | # endif
1804 | # include <string.h>
1805 | #endif
1806 | #ifdef HAVE_STRINGS_H
1807 | # include <strings.h>
1808 | #endif
1809 | #ifdef HAVE_INTTYPES_H
1810 | # include <inttypes.h>
1811 | #endif
1812 | #ifdef HAVE_STDINT_H
```



```
1813 | # include <stdint.h>
1814 | #endif
1815 | #ifdef HAVE_UNISTD_H
1816 | # include <unistd.h>
1817 | #endif
1818 | #include <X11/Xutil.h>
1819 | configure:17711: result: no
1820 | configure:17711: checking X11/Xutil.h presence
1821 | configure:17711: g++ -E conftest.cpp
1822 | conftest.cpp:51:10: fatal error: 'X11/Xutil.h' file not found
1823 | #include <X11/Xutil.h>
1824 |         ^~~~~~
1825 | 1 error generated.
1826 | configure:17711: $? = 1
1827 | configure: failed program was:
1828 | /* confdefs.h */
1829 | #define PACKAGE_NAME "GNU APL"
1830 | #define PACKAGE_TARNAME "apl"
1831 | #define PACKAGE_VERSION "1.8"
1832 | #define PACKAGE_STRING "GNU APL 1.8"
1833 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
1834 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
1835 | #define STDC_HEADERS 1
1836 | #define HAVE_SYS_TYPES_H 1
1837 | #define HAVE_SYS_STAT_H 1
1838 | #define HAVE_STDLIB_H 1
1839 | #define HAVE_STRING_H 1
1840 | #define HAVE_MEMORY_H 1
1841 | #define HAVE_STRINGS_H 1
1842 | #define HAVE_INTTYPES_H 1
1843 | #define HAVE_STDINT_H 1
1844 | #define HAVE_UNISTD_H 1
1845 | #define __EXTENSIONS__ 1
1846 | #define _ALL_SOURCE 1
1847 | #define _GNU_SOURCE 1
1848 | #define _POSIX_PTHREAD_SEMANTICS 1
1849 | #define _TANDEM_SOURCE 1
1850 | #define PACKAGE "apl"
1851 | #define VERSION "1.8"
1852 | #define HAVE_DLFCN_H 1
1853 | #define LT_OBJDIR ".libs/"
```

```
1854 | #define HAVE_NCURSES_H 1
1855 | #define HAVE_TERM_H 1
1856 | #define HAVE_DIRENT_H 1
1857 | #define HAVE_EXECINFO_H 1
1858 | #define HAVE_FCNTL_H 1
1859 | #define HAVE_FENV_H 1
1860 | #define HAVE_INTPYPES_H 1
1861 | #define HAVE_LIMITS_H 1
1862 | #define HAVE_NETDB_H 1
1863 | #define HAVE_PNG_H 1
1864 | #define HAVE_STDINT_H 1
1865 | #define HAVE_STDLIB_H 1
1866 | #define HAVE_STRING_H 1
1867 | #define HAVE_STRINGS_H 1
1868 | #define HAVE_TERMIOS_H 1
1869 | #define HAVE_UNISTD_H 1
1870 | #define HAVE_UTMPX_H 1
1871 | #define HAVE_ZLIB_H 1
1872 | #define HAVE_NETINET_IN_H 1
1873 | #define HAVE_SYS_IOCTL_H 1
1874 | #define HAVE_SYS_SOCKET_H 1
1875 | #define HAVE_SYS_TIME_H 1
1876 | #define HAVE_SYS_UN_H 1
1877 | /* end confdefs.h. */
1878 | #include <X11/Xutil.h>
1879 configure:17711: result: no
1880 configure:17711: checking for X11/Xutil.h
1881 configure:17711: result: no
1882 configure:17725: checking for xcb/xproto.h
1883 configure:17725: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
1884 confctest.cpp:51:10: fatal error: 'xcb/xcb.h' file not found
1885 #include <xcb/xcb.h>
1886      ^~~~~~
1887 1 error generated.
1888 configure:17725: $? = 1
1889 configure: failed program was:
1890 | /* confdefs.h */
1891 | #define PACKAGE_NAME "GNU APL"
1892 | #define PACKAGE_TARNAME "apl"
1893 | #define PACKAGE_VERSION "1.8"
```

```
1894 | #define PACKAGE_STRING "GNU APL 1.8"
1895 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
1896 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
1897 | #define STDC_HEADERS 1
1898 | #define HAVE_SYS_TYPES_H 1
1899 | #define HAVE_SYS_STAT_H 1
1900 | #define HAVE_STDLIB_H 1
1901 | #define HAVE_STRING_H 1
1902 | #define HAVE_MEMORY_H 1
1903 | #define HAVE_STRINGS_H 1
1904 | #define HAVE_INTTYPES_H 1
1905 | #define HAVE_STDINT_H 1
1906 | #define HAVE_UNISTD_H 1
1907 | #define __EXTENSIONS__ 1
1908 | #define _ALL_SOURCE 1
1909 | #define _GNU_SOURCE 1
1910 | #define _POSIX_PTHREAD_SEMANTICS 1
1911 | #define _TANDEM_SOURCE 1
1912 | #define PACKAGE "apl"
1913 | #define VERSION "1.8"
1914 | #define HAVE_DLFCN_H 1
1915 | #define LT_OBJDIR ".libs/"
1916 | #define HAVE_NCURSES_H 1
1917 | #define HAVE_TERM_H 1
1918 | #define HAVE_DIRENT_H 1
1919 | #define HAVE_EXECINFO_H 1
1920 | #define HAVE_FCNTL_H 1
1921 | #define HAVE_FENV_H 1
1922 | #define HAVE_INTTYPES_H 1
1923 | #define HAVE_LIMITS_H 1
1924 | #define HAVE_NETDB_H 1
1925 | #define HAVE_PNG_H 1
1926 | #define HAVE_STDINT_H 1
1927 | #define HAVE_STDLIB_H 1
1928 | #define HAVE_STRING_H 1
1929 | #define HAVE_STRINGS_H 1
1930 | #define HAVE_TERMIOS_H 1
1931 | #define HAVE_UNISTD_H 1
1932 | #define HAVE_UTMPX_H 1
1933 | #define HAVE_ZLIB_H 1
1934 | #define HAVE_NETINET_IN_H 1
```

```
1935 | #define HAVE_SYS_IOCTL_H 1
1936 | #define HAVE_SYS_SOCKET_H 1
1937 | #define HAVE_SYS_TIME_H 1
1938 | #define HAVE_SYS_UN_H 1
1939 | /* end confdefs.h. */
1940 | #include <xcb/xcb.h>
1941 |
1942 | #include <xcb/xproto.h>
1943 configure:17725: result: no
1944 configure:17733: checking for stdbool.h that conforms to C99
1945 configure:17800: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
1946 confctest.cpp:54:15: error: expected unqualified-id
1947         "error: bool is not defined"
1948         ^
1949 confctest.cpp:72:48: error: C++ requires a type specifier for
... all declarations
1950         struct s { _Bool s: 1; _Bool t; } s;
1951                                 ^
1952 2 errors generated.
1953 configure:17800: $? = 1
1954 configure: failed program was:
1955 | /* confdefs.h */
1956 | #define PACKAGE_NAME "GNU APL"
1957 | #define PACKAGE_TARNAME "apl"
1958 | #define PACKAGE_VERSION "1.8"
1959 | #define PACKAGE_STRING "GNU APL 1.8"
1960 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
1961 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
1962 | #define STDC_HEADERS 1
1963 | #define HAVE_SYS_TYPES_H 1
1964 | #define HAVE_SYS_STAT_H 1
1965 | #define HAVE_STDLIB_H 1
1966 | #define HAVE_STRING_H 1
1967 | #define HAVE_MEMORY_H 1
1968 | #define HAVE_STRINGS_H 1
1969 | #define HAVE_INTTYPES_H 1
1970 | #define HAVE_STDINT_H 1
1971 | #define HAVE_UNISTD_H 1
1972 | #define __EXTENSIONS__ 1
1973 | #define _ALL_SOURCE 1
```

```
1974 | #define _GNU_SOURCE 1
1975 | #define _POSIX_PTHREAD_SEMANTICS 1
1976 | #define _TANDEM_SOURCE 1
1977 | #define PACKAGE "apl"
1978 | #define VERSION "1.8"
1979 | #define HAVE_DLFCN_H 1
1980 | #define LT_OBJDIR ".libs/"
1981 | #define HAVE_NCURSES_H 1
1982 | #define HAVE_TERM_H 1
1983 | #define HAVE_DIRENT_H 1
1984 | #define HAVE_EXECINFO_H 1
1985 | #define HAVE_FCNTL_H 1
1986 | #define HAVE_FENV_H 1
1987 | #define HAVE_INTTYPES_H 1
1988 | #define HAVE_LIMITS_H 1
1989 | #define HAVE_NETDB_H 1
1990 | #define HAVE_PNG_H 1
1991 | #define HAVE_STDINT_H 1
1992 | #define HAVE_STDLIB_H 1
1993 | #define HAVE_STRING_H 1
1994 | #define HAVE_STRINGS_H 1
1995 | #define HAVE_TERMIOS_H 1
1996 | #define HAVE_UNISTD_H 1
1997 | #define HAVE_UTMPX_H 1
1998 | #define HAVE_ZLIB_H 1
1999 | #define HAVE_NETINET_IN_H 1
2000 | #define HAVE_SYS_IOCTL_H 1
2001 | #define HAVE_SYS_SOCKET_H 1
2002 | #define HAVE_SYS_TIME_H 1
2003 | #define HAVE_SYS_UN_H 1
2004 | /* end confdefs.h. */
2005 |
2006 |         #include <stdbool.h>
2007 |         #ifndef bool
2008 |             "error: bool is not defined"
2009 |         #endif
2010 |         #ifndef false
2011 |             "error: false is not defined"
2012 |         #endif
2013 |         #if false
2014 |             "error: false is not 0"
```

```
2015 | #endif
2016 | #ifndef true
2017 | "error: true is not defined"
2018 | #endif
2019 | #if true != 1
2020 | "error: true is not 1"
2021 | #endif
2022 | #ifndef __bool_true_false_are_defined
2023 | "error: __bool_true_false_are_defined is not
... defined"
2024 | #endif
2025 |
2026 | struct s { _Bool s: 1; _Bool t; } s;
2027 |
2028 | char a[true == 1 ? 1 : -1];
2029 | char b[false == 0 ? 1 : -1];
2030 | char c[__bool_true_false_are_defined == 1 ? 1 :
... -1];
2031 | char d[(bool) 0.5 == true ? 1 : -1];
2032 | /* See body of main program for 'e'. */
2033 | char f[( _Bool) 0.0 == false ? 1 : -1];
2034 | char g[true];
2035 | char h[sizeof ( _Bool)];
2036 | char i[sizeof s.t];
2037 | enum { j = false, k = true, l = false * true, m
... = true * 256 };
2038 | /* The following fails for
2039 | HP aC++/ANSI C B3910B A.05.55 [Dec 04 2003].
... */
2040 | _Bool n[m];
2041 | char o[sizeof n == m * sizeof n[0] ? 1 : -1];
2042 | char p[-1 - ( _Bool) 0 < 0 && -1 - (bool) 0 < 0
... ? 1 : -1];
2043 | /* Catch a bug in an HP-UX C compiler. See
2044 |
... http://gcc.gnu.org/ml/gcc-patches/2003-12/msg02303.html
2045 |
... http://lists.gnu.org/archive/html/bug-coreutils/2005-11/
... msg00161.html
2046 | */
2047 | _Bool q = true;
```

```
2048 |         _Bool *pq = &q;
2049 |
2050 |     int
2051 |     main ()
2052 |     {
2053 |
2054 |         bool e = &s;
2055 |         *pq |= q;
2056 |         *pq |= ! q;
2057 |         /* Refer to every declared value, to avoid
... compiler optimizations. */
2058 |         return (!a + !b + !c + !d + !e + !f + !g + !h +
... !i + !!j + !k + !!!
2059 |                 + !m + !n + !o + !p + !q + !pq);
2060 |
2061 |     ;
2062 |     return 0;
2063 | }
2064 configure:17807: result: no
2065 configure:17809: checking for _Bool
2066 configure:17809: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp >&5
2067 conftest.cpp:87:13: error: use of undeclared identifier
... '_Bool'
2068 if (sizeof (_Bool))
2069         ^
2070 1 error generated.
2071 configure:17809: $? = 1
2072 configure: failed program was:
2073 | /* confdefs.h */
2074 | #define PACKAGE_NAME "GNU APL"
2075 | #define PACKAGE_TARNAME "apl"
2076 | #define PACKAGE_VERSION "1.8"
2077 | #define PACKAGE_STRING "GNU APL 1.8"
2078 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
2079 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
2080 | #define STDC_HEADERS 1
2081 | #define HAVE_SYS_TYPES_H 1
2082 | #define HAVE_SYS_STAT_H 1
2083 | #define HAVE_STDLIB_H 1
2084 | #define HAVE_STRING_H 1
```

```
2085 | #define HAVE_MEMORY_H 1
2086 | #define HAVE_STRINGS_H 1
2087 | #define HAVE_INTTYPES_H 1
2088 | #define HAVE_STDINT_H 1
2089 | #define HAVE_UNISTD_H 1
2090 | #define __EXTENSIONS__ 1
2091 | #define _ALL_SOURCE 1
2092 | #define _GNU_SOURCE 1
2093 | #define _POSIX_PTHREAD_SEMANTICS 1
2094 | #define _TANDEM_SOURCE 1
2095 | #define PACKAGE "apl"
2096 | #define VERSION "1.8"
2097 | #define HAVE_DLFCN_H 1
2098 | #define LT_OBJDIR ".libs/"
2099 | #define HAVE_NCURSES_H 1
2100 | #define HAVE_TERM_H 1
2101 | #define HAVE_DIRENT_H 1
2102 | #define HAVE_EXECINFO_H 1
2103 | #define HAVE_FCNTL_H 1
2104 | #define HAVE_FENV_H 1
2105 | #define HAVE_INTTYPES_H 1
2106 | #define HAVE_LIMITS_H 1
2107 | #define HAVE_NETDB_H 1
2108 | #define HAVE_PNG_H 1
2109 | #define HAVE_STDINT_H 1
2110 | #define HAVE_STDLIB_H 1
2111 | #define HAVE_STRING_H 1
2112 | #define HAVE_STRINGS_H 1
2113 | #define HAVE_TERMIOS_H 1
2114 | #define HAVE_UNISTD_H 1
2115 | #define HAVE_UTMPX_H 1
2116 | #define HAVE_ZLIB_H 1
2117 | #define HAVE_NETINET_IN_H 1
2118 | #define HAVE_SYS_IOCTL_H 1
2119 | #define HAVE_SYS_SOCKET_H 1
2120 | #define HAVE_SYS_TIME_H 1
2121 | #define HAVE_SYS_UN_H 1
2122 | /* end confdefs.h. */
2123 | #include <stdio.h>
2124 | #ifdef HAVE_SYS_TYPES_H
2125 | # include <sys/types.h>
```



```
2126 | #endif
2127 | #ifdef HAVE_SYS_STAT_H
2128 | # include <sys/stat.h>
2129 | #endif
2130 | #ifdef STDC_HEADERS
2131 | # include <stdlib.h>
2132 | # include <stddef.h>
2133 | #else
2134 | # ifdef HAVE_STDLIB_H
2135 | # include <stdlib.h>
2136 | # endif
2137 | #endif
2138 | #ifdef HAVE_STRING_H
2139 | # if !defined STDC_HEADERS && defined HAVE_MEMORY_H
2140 | # include <memory.h>
2141 | # endif
2142 | # include <string.h>
2143 | #endif
2144 | #ifdef HAVE_STRINGS_H
2145 | # include <strings.h>
2146 | #endif
2147 | #ifdef HAVE_INTTYPES_H
2148 | # include <inttypes.h>
2149 | #endif
2150 | #ifdef HAVE_STDINT_H
2151 | # include <stdint.h>
2152 | #endif
2153 | #ifdef HAVE_UNISTD_H
2154 | # include <unistd.h>
2155 | #endif
2156 | int
2157 | main ()
2158 | {
2159 | if (sizeof (_Bool))
2160 |     return 0;
2161 | ;
2162 |     return 0;
2163 | }
2164 | configure:17809: result: no
2165 | configure:17831: checking for inline
2166 | configure:17847: g++ -c -g -O2 -I
```

```
2166... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
2167 configure:17847: $? = 0
2168 configure:17855: result: inline
2169 configure:17873: checking for int16_t
2170 configure:17873: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
2171 configure:17873: $? = 0
2172 configure:17873: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
2173 confctest.cpp:88:24: error: 'test_array' declared as an array
... with a negative size
2174 static int test_array [1 - 2 * !((int16_t) (((((int16_t) 1 <<
... N) << N) - 1) * 2 + 1)
2175
... ^~~~~~
2176 1 error generated.
2177 configure:17873: $? = 1
2178 configure: failed program was:
2179 | /* confdefs.h */
2180 | #define PACKAGE_NAME "GNU APL"
2181 | #define PACKAGE_TARNAME "apl"
2182 | #define PACKAGE_VERSION "1.8"
2183 | #define PACKAGE_STRING "GNU APL 1.8"
2184 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
2185 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
2186 | #define STDC_HEADERS 1
2187 | #define HAVE_SYS_TYPES_H 1
2188 | #define HAVE_SYS_STAT_H 1
2189 | #define HAVE_STDLIB_H 1
2190 | #define HAVE_STRING_H 1
2191 | #define HAVE_MEMORY_H 1
2192 | #define HAVE_STRINGS_H 1
2193 | #define HAVE_INTTYPES_H 1
2194 | #define HAVE_STDINT_H 1
2195 | #define HAVE_UNISTD_H 1
2196 | #define __EXTENSIONS__ 1
2197 | #define _ALL_SOURCE 1
2198 | #define _GNU_SOURCE 1
2199 | #define _POSIX_PTHREAD_SEMANTICS 1
2200 | #define _TANDEM_SOURCE 1
2201 | #define PACKAGE "apl"
```

```
2202 | #define VERSION "1.8"
2203 | #define HAVE_DLFCN_H 1
2204 | #define LT_OBJDIR ".libs/"
2205 | #define HAVE_NCURSES_H 1
2206 | #define HAVE_TERM_H 1
2207 | #define HAVE_DIRENT_H 1
2208 | #define HAVE_EXECINFO_H 1
2209 | #define HAVE_FCNTL_H 1
2210 | #define HAVE_FENV_H 1
2211 | #define HAVE_INTTYPES_H 1
2212 | #define HAVE_LIMITS_H 1
2213 | #define HAVE_NETDB_H 1
2214 | #define HAVE_PNG_H 1
2215 | #define HAVE_STDINT_H 1
2216 | #define HAVE_STDLIB_H 1
2217 | #define HAVE_STRING_H 1
2218 | #define HAVE_STRINGS_H 1
2219 | #define HAVE_TERMIOS_H 1
2220 | #define HAVE_UNISTD_H 1
2221 | #define HAVE_UTMPX_H 1
2222 | #define HAVE_ZLIB_H 1
2223 | #define HAVE_NETINET_IN_H 1
2224 | #define HAVE_SYS_IOCTL_H 1
2225 | #define HAVE_SYS_SOCKET_H 1
2226 | #define HAVE_SYS_TIME_H 1
2227 | #define HAVE_SYS_UN_H 1
2228 | /* end confdefs.h. */
2229 | #include <stdio.h>
2230 | #ifdef HAVE_SYS_TYPES_H
2231 | # include <sys/types.h>
2232 | #endif
2233 | #ifdef HAVE_SYS_STAT_H
2234 | # include <sys/stat.h>
2235 | #endif
2236 | #ifdef STDC_HEADERS
2237 | # include <stdlib.h>
2238 | # include <stddef.h>
2239 | #else
2240 | # ifdef HAVE_STDLIB_H
2241 | # include <stdlib.h>
2242 | # endif
```

```
2243 | #endif
2244 | #ifdef HAVE_STRING_H
2245 | # if !defined STDC_HEADERS && defined HAVE_MEMORY_H
2246 | # include <memory.h>
2247 | # endif
2248 | # include <string.h>
2249 | #endif
2250 | #ifdef HAVE_STRINGS_H
2251 | # include <strings.h>
2252 | #endif
2253 | #ifdef HAVE_INTTYPES_H
2254 | # include <inttypes.h>
2255 | #endif
2256 | #ifdef HAVE_STDINT_H
2257 | # include <stdint.h>
2258 | #endif
2259 | #ifdef HAVE_UNISTD_H
2260 | # include <unistd.h>
2261 | #endif
2262 |         enum { N = 16 / 2 - 1 };
2263 | int
2264 | main ()
2265 | {
2266 | static int test_array [1 - 2 * !((int16_t) (((((int16_t) 1
... << N) << N) - 1) * 2 + 1)
2267 |         < (int16_t) (((((int16_t) 1 << N) << N) - 1) * 2 +
... 2)]];
2268 | test_array [0] = 0;
2269 | return test_array [0];
2270 |
2271 | ;
2272 | return 0;
2273 | }
2274 configure:17873: result: yes
2275 configure:17884: checking for int32_t
2276 configure:17884: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
2277 configure:17884: $? = 0
2278 configure:17884: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
2279 confctest.cpp:89:53: warning: overflow in expression; result is
```

```

2279... -2147483648 with type 'int' [-Winteger-overflow]
2280      < (int32_t) (((int32_t) 1 << N) << N) - 1)
... * 2 + 2)]];
2281
... ^
2282 conftest.cpp:88:24: error: 'test_array' declared as an array
... with a negative size
2283 static int test_array [1 - 2 * !((int32_t) (((int32_t) 1 <<
... N) << N) - 1) * 2 + 1)
2284
... ^~~~~~
2285 1 warning and 1 error generated.
2286 configure:17884: $? = 1
2287 configure: failed program was:
2288 | /* confdefs.h */
2289 | #define PACKAGE_NAME "GNU APL"
2290 | #define PACKAGE_TARNAME "apl"
2291 | #define PACKAGE_VERSION "1.8"
2292 | #define PACKAGE_STRING "GNU APL 1.8"
2293 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
2294 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
2295 | #define STDC_HEADERS 1
2296 | #define HAVE_SYS_TYPES_H 1
2297 | #define HAVE_SYS_STAT_H 1
2298 | #define HAVE_STDLIB_H 1
2299 | #define HAVE_STRING_H 1
2300 | #define HAVE_MEMORY_H 1
2301 | #define HAVE_STRINGS_H 1
2302 | #define HAVE_INTTYPES_H 1
2303 | #define HAVE_STDINT_H 1
2304 | #define HAVE_UNISTD_H 1
2305 | #define __EXTENSIONS__ 1
2306 | #define _ALL_SOURCE 1
2307 | #define _GNU_SOURCE 1
2308 | #define _POSIX_PTHREAD_SEMANTICS 1
2309 | #define _TANDEM_SOURCE 1
2310 | #define PACKAGE "apl"
2311 | #define VERSION "1.8"
2312 | #define HAVE_DLFCN_H 1
2313 | #define LT_OBJDIR ".libs/"
2314 | #define HAVE_NCURSES_H 1

```

```
2315 | #define HAVE_TERM_H 1
2316 | #define HAVE_DIRENT_H 1
2317 | #define HAVE_EXECINFO_H 1
2318 | #define HAVE_FCNTL_H 1
2319 | #define HAVE_FENV_H 1
2320 | #define HAVE_INTTYPES_H 1
2321 | #define HAVE_LIMITS_H 1
2322 | #define HAVE_NETDB_H 1
2323 | #define HAVE_PNG_H 1
2324 | #define HAVE_STDINT_H 1
2325 | #define HAVE_STDLIB_H 1
2326 | #define HAVE_STRING_H 1
2327 | #define HAVE_STRINGS_H 1
2328 | #define HAVE_TERMIOS_H 1
2329 | #define HAVE_UNISTD_H 1
2330 | #define HAVE_UTMPX_H 1
2331 | #define HAVE_ZLIB_H 1
2332 | #define HAVE_NETINET_IN_H 1
2333 | #define HAVE_SYS_IOCTL_H 1
2334 | #define HAVE_SYS_SOCKET_H 1
2335 | #define HAVE_SYS_TIME_H 1
2336 | #define HAVE_SYS_UN_H 1
2337 | /* end confdefs.h. */
2338 | #include <stdio.h>
2339 | #ifdef HAVE_SYS_TYPES_H
2340 | # include <sys/types.h>
2341 | #endif
2342 | #ifdef HAVE_SYS_STAT_H
2343 | # include <sys/stat.h>
2344 | #endif
2345 | #ifdef STDC_HEADERS
2346 | # include <stdlib.h>
2347 | # include <stddef.h>
2348 | #else
2349 | # ifdef HAVE_STDLIB_H
2350 | # include <stdlib.h>
2351 | # endif
2352 | #endif
2353 | #ifdef HAVE_STRING_H
2354 | # if !defined STDC_HEADERS && defined HAVE_MEMORY_H
2355 | # include <memory.h>
```

```
2356 | # endif
2357 | # include <string.h>
2358 | #endif
2359 | #ifdef HAVE_STRINGS_H
2360 | # include <strings.h>
2361 | #endif
2362 | #ifdef HAVE_INTTYPES_H
2363 | # include <inttypes.h>
2364 | #endif
2365 | #ifdef HAVE_STDINT_H
2366 | # include <stdint.h>
2367 | #endif
2368 | #ifdef HAVE_UNISTD_H
2369 | # include <unistd.h>
2370 | #endif
2371 |         enum { N = 32 / 2 - 1 };
2372 | int
2373 | main ()
2374 | {
2375 | static int test_array [1 - 2 * !((int32_t) (((((int32_t) 1
... << N) << N) - 1) * 2 + 1)
2376 |         < (int32_t) (((((int32_t) 1 << N) << N) - 1) * 2 +
... 2)]];
2377 | test_array [0] = 0;
2378 | return test_array [0];
2379 |
2380 | ;
2381 | return 0;
2382 | }
2383 configure:17884: result: yes
2384 configure:17895: checking for int64_t
2385 configure:17895: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
2386 configure:17895: $? = 0
2387 configure:17895: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
2388 confctest.cpp:89:53: warning: overflow in expression; result is
... -9223372036854775808 with type 'long long'
... [-Winteger-overflow]
2389         < (int64_t) (((((int64_t) 1 << N) << N) - 1)
... * 2 + 2)]];
```

```
2390 ^
...
2391 conftest.cpp:88:24: error: 'test_array' declared as an array
... with a negative size
2392 static int test_array [1 - 2 * !((int64_t) (((((int64_t) 1 <<
... N) << N) - 1) * 2 + 1)
2393
... ^~~~~~
2394 1 warning and 1 error generated.
2395 configure:17895: $? = 1
2396 configure: failed program was:
2397 | /* confdefs.h */
2398 | #define PACKAGE_NAME "GNU APL"
2399 | #define PACKAGE_TARNAME "apl"
2400 | #define PACKAGE_VERSION "1.8"
2401 | #define PACKAGE_STRING "GNU APL 1.8"
2402 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
2403 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
2404 | #define STDC_HEADERS 1
2405 | #define HAVE_SYS_TYPES_H 1
2406 | #define HAVE_SYS_STAT_H 1
2407 | #define HAVE_STDLIB_H 1
2408 | #define HAVE_STRING_H 1
2409 | #define HAVE_MEMORY_H 1
2410 | #define HAVE_STRINGS_H 1
2411 | #define HAVE_INTTYPES_H 1
2412 | #define HAVE_STDINT_H 1
2413 | #define HAVE_UNISTD_H 1
2414 | #define __EXTENSIONS__ 1
2415 | #define _ALL_SOURCE 1
2416 | #define _GNU_SOURCE 1
2417 | #define _POSIX_PTHREAD_SEMANTICS 1
2418 | #define _TANDEM_SOURCE 1
2419 | #define PACKAGE "apl"
2420 | #define VERSION "1.8"
2421 | #define HAVE_DLFCN_H 1
2422 | #define LT_OBJDIR ".libs/"
2423 | #define HAVE_NCURSES_H 1
2424 | #define HAVE_TERM_H 1
2425 | #define HAVE_DIRENT_H 1
2426 | #define HAVE_EXECINFO_H 1
```



```
2427 | #define HAVE_FCNTL_H 1
2428 | #define HAVE_FENV_H 1
2429 | #define HAVE_INTTYPES_H 1
2430 | #define HAVE_LIMITS_H 1
2431 | #define HAVE_NETDB_H 1
2432 | #define HAVE_PNG_H 1
2433 | #define HAVE_STDINT_H 1
2434 | #define HAVE_STDLIB_H 1
2435 | #define HAVE_STRING_H 1
2436 | #define HAVE_STRINGS_H 1
2437 | #define HAVE_TERMIOS_H 1
2438 | #define HAVE_UNISTD_H 1
2439 | #define HAVE_UTMPX_H 1
2440 | #define HAVE_ZLIB_H 1
2441 | #define HAVE_NETINET_IN_H 1
2442 | #define HAVE_SYS_IOCTL_H 1
2443 | #define HAVE_SYS_SOCKET_H 1
2444 | #define HAVE_SYS_TIME_H 1
2445 | #define HAVE_SYS_UN_H 1
2446 | /* end confdefs.h. */
2447 | #include <stdio.h>
2448 | #ifdef HAVE_SYS_TYPES_H
2449 | # include <sys/types.h>
2450 | #endif
2451 | #ifdef HAVE_SYS_STAT_H
2452 | # include <sys/stat.h>
2453 | #endif
2454 | #ifdef STDC_HEADERS
2455 | # include <stdlib.h>
2456 | # include <stddef.h>
2457 | #else
2458 | # ifdef HAVE_STDLIB_H
2459 | # include <stdlib.h>
2460 | # endif
2461 | #endif
2462 | #ifdef HAVE_STRING_H
2463 | # if !defined STDC_HEADERS && defined HAVE_MEMORY_H
2464 | # include <memory.h>
2465 | # endif
2466 | # include <string.h>
2467 | #endif
```

```
2468 | #ifdef HAVE_STRINGS_H
2469 | # include <strings.h>
2470 | #endif
2471 | #ifdef HAVE_INTTYPES_H
2472 | # include <inttypes.h>
2473 | #endif
2474 | #ifdef HAVE_STDINT_H
2475 | # include <stdint.h>
2476 | #endif
2477 | #ifdef HAVE_UNISTD_H
2478 | # include <unistd.h>
2479 | #endif
2480 |         enum { N = 64 / 2 - 1 };
2481 | int
2482 | main ()
2483 | {
2484 | static int test_array [1 - 2 * !((int64_t) (((((int64_t) 1
... << N) << N) - 1) * 2 + 1)
2485 |         < (int64_t) (((((int64_t) 1 << N) << N) - 1) * 2 +
... 2)]];
2486 | test_array [0] = 0;
2487 | return test_array [0];
2488 |
2489 |     ;
2490 |     return 0;
2491 | }
2492 configure:17895: result: yes
2493 configure:17906: checking for off_t
2494 configure:17906: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confptest.cpp >&5
2495 configure:17906: $? = 0
2496 configure:17906: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confptest.cpp >&5
2497 confptest.cpp:87:20: error: expected expression
2498 if (sizeof ((off_t)))
2499         ^
2500 1 error generated.
2501 configure:17906: $? = 1
2502 configure: failed program was:
2503 | /* confdefs.h */
2504 | #define PACKAGE_NAME "GNU APL"
```

```
2505 | #define PACKAGE_TARNAME "apl"
2506 | #define PACKAGE_VERSION "1.8"
2507 | #define PACKAGE_STRING "GNU APL 1.8"
2508 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
2509 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
2510 | #define STDC_HEADERS 1
2511 | #define HAVE_SYS_TYPES_H 1
2512 | #define HAVE_SYS_STAT_H 1
2513 | #define HAVE_STDLIB_H 1
2514 | #define HAVE_STRING_H 1
2515 | #define HAVE_MEMORY_H 1
2516 | #define HAVE_STRINGS_H 1
2517 | #define HAVE_INTTYPES_H 1
2518 | #define HAVE_STDINT_H 1
2519 | #define HAVE_UNISTD_H 1
2520 | #define __EXTENSIONS__ 1
2521 | #define _ALL_SOURCE 1
2522 | #define _GNU_SOURCE 1
2523 | #define _POSIX_PTHREAD_SEMANTICS 1
2524 | #define _TANDEM_SOURCE 1
2525 | #define PACKAGE "apl"
2526 | #define VERSION "1.8"
2527 | #define HAVE_DLFCN_H 1
2528 | #define LT_OBJDIR ".libs/"
2529 | #define HAVE_NCURSES_H 1
2530 | #define HAVE_TERM_H 1
2531 | #define HAVE_DIRENT_H 1
2532 | #define HAVE_EXECINFO_H 1
2533 | #define HAVE_FCNTL_H 1
2534 | #define HAVE_FENV_H 1
2535 | #define HAVE_INTTYPES_H 1
2536 | #define HAVE_LIMITS_H 1
2537 | #define HAVE_NETDB_H 1
2538 | #define HAVE_PNG_H 1
2539 | #define HAVE_STDINT_H 1
2540 | #define HAVE_STDLIB_H 1
2541 | #define HAVE_STRING_H 1
2542 | #define HAVE_STRINGS_H 1
2543 | #define HAVE_TERMIOS_H 1
2544 | #define HAVE_UNISTD_H 1
2545 | #define HAVE_UTMPX_H 1
```

```
2546 | #define HAVE_ZLIB_H 1
2547 | #define HAVE_NETINET_IN_H 1
2548 | #define HAVE_SYS_IOCTL_H 1
2549 | #define HAVE_SYS_SOCKET_H 1
2550 | #define HAVE_SYS_TIME_H 1
2551 | #define HAVE_SYS_UN_H 1
2552 | /* end confdefs.h. */
2553 | #include <stdio.h>
2554 | #ifdef HAVE_SYS_TYPES_H
2555 | # include <sys/types.h>
2556 | #endif
2557 | #ifdef HAVE_SYS_STAT_H
2558 | # include <sys/stat.h>
2559 | #endif
2560 | #ifdef STDC_HEADERS
2561 | # include <stdlib.h>
2562 | # include <stddef.h>
2563 | #else
2564 | # ifdef HAVE_STDLIB_H
2565 | # include <stdlib.h>
2566 | # endif
2567 | #endif
2568 | #ifdef HAVE_STRING_H
2569 | # if !defined STDC_HEADERS && defined HAVE_MEMORY_H
2570 | # include <memory.h>
2571 | # endif
2572 | # include <string.h>
2573 | #endif
2574 | #ifdef HAVE_STRINGS_H
2575 | # include <strings.h>
2576 | #endif
2577 | #ifdef HAVE_INTTYPES_H
2578 | # include <inttypes.h>
2579 | #endif
2580 | #ifdef HAVE_STDINT_H
2581 | # include <stdint.h>
2582 | #endif
2583 | #ifdef HAVE_UNISTD_H
2584 | # include <unistd.h>
2585 | #endif
2586 | int
```

```
2587 | main ()
2588 | {
2589 |   if (sizeof ((off_t)))
2590 |     return 0;
2591 |   ;
2592 |   return 0;
2593 | }
2594 configure:17906: result: yes
2595 configure:17917: checking for size_t
2596 configure:17917: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
2597 configure:17917: $? = 0
2598 configure:17917: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
2599 confctest.cpp:87:21: error: expected expression
2600 if (sizeof ((size_t)))
2601                 ^
2602 1 error generated.
2603 configure:17917: $? = 1
2604 configure: failed program was:
2605 | /* confdefs.h */
2606 | #define PACKAGE_NAME "GNU APL"
2607 | #define PACKAGE_TARNAME "apl"
2608 | #define PACKAGE_VERSION "1.8"
2609 | #define PACKAGE_STRING "GNU APL 1.8"
2610 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
2611 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
2612 | #define STDC_HEADERS 1
2613 | #define HAVE_SYS_TYPES_H 1
2614 | #define HAVE_SYS_STAT_H 1
2615 | #define HAVE_STDLIB_H 1
2616 | #define HAVE_STRING_H 1
2617 | #define HAVE_MEMORY_H 1
2618 | #define HAVE_STRINGS_H 1
2619 | #define HAVE_INTTYPES_H 1
2620 | #define HAVE_STDINT_H 1
2621 | #define HAVE_UNISTD_H 1
2622 | #define __EXTENSIONS__ 1
2623 | #define _ALL_SOURCE 1
2624 | #define _GNU_SOURCE 1
2625 | #define _POSIX_PTHREAD_SEMANTICS 1
```

```
2626 | #define _TANDEM_SOURCE 1
2627 | #define PACKAGE "apl"
2628 | #define VERSION "1.8"
2629 | #define HAVE_DLFCN_H 1
2630 | #define LT_OBJDIR ".libs/"
2631 | #define HAVE_NCURSES_H 1
2632 | #define HAVE_TERM_H 1
2633 | #define HAVE_DIRENT_H 1
2634 | #define HAVE_EXECINFO_H 1
2635 | #define HAVE_FCNTL_H 1
2636 | #define HAVE_FENV_H 1
2637 | #define HAVE_INTTYPES_H 1
2638 | #define HAVE_LIMITS_H 1
2639 | #define HAVE_NETDB_H 1
2640 | #define HAVE_PNG_H 1
2641 | #define HAVE_STDINT_H 1
2642 | #define HAVE_STDLIB_H 1
2643 | #define HAVE_STRING_H 1
2644 | #define HAVE_STRINGS_H 1
2645 | #define HAVE_TERMIOS_H 1
2646 | #define HAVE_UNISTD_H 1
2647 | #define HAVE_UTMPX_H 1
2648 | #define HAVE_ZLIB_H 1
2649 | #define HAVE_NETINET_IN_H 1
2650 | #define HAVE_SYS_IOCTL_H 1
2651 | #define HAVE_SYS_SOCKET_H 1
2652 | #define HAVE_SYS_TIME_H 1
2653 | #define HAVE_SYS_UN_H 1
2654 | /* end confdefs.h. */
2655 | #include <stdio.h>
2656 | #ifdef HAVE_SYS_TYPES_H
2657 | # include <sys/types.h>
2658 | #endif
2659 | #ifdef HAVE_SYS_STAT_H
2660 | # include <sys/stat.h>
2661 | #endif
2662 | #ifdef STDC_HEADERS
2663 | # include <stdlib.h>
2664 | # include <stddef.h>
2665 | #else
2666 | # ifdef HAVE_STDLIB_H
```

```
2667 | # include <stdlib.h>
2668 | # endif
2669 | #endif
2670 | #ifdef HAVE_STRING_H
2671 | # if !defined STDC_HEADERS && defined HAVE_MEMORY_H
2672 | # include <memory.h>
2673 | # endif
2674 | # include <string.h>
2675 | #endif
2676 | #ifdef HAVE_STRINGS_H
2677 | # include <strings.h>
2678 | #endif
2679 | #ifdef HAVE_INTTYPES_H
2680 | # include <inttypes.h>
2681 | #endif
2682 | #ifdef HAVE_STDINT_H
2683 | # include <stdint.h>
2684 | #endif
2685 | #ifdef HAVE_UNISTD_H
2686 | # include <unistd.h>
2687 | #endif
2688 | int
2689 | main ()
2690 | {
2691 |   if (sizeof ((size_t)))
2692 |     return 0;
2693 |   ;
2694 |   return 0;
2695 | }
2696 configure:17917: result: yes
2697 configure:17928: checking for ssize_t
2698 configure:17928: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
2699 configure:17928: $? = 0
2700 configure:17928: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
2701 confctest.cpp:87:22: error: expected expression
2702 if (sizeof ((ssize_t)))
2703                     ^
2704 1 error generated.
2705 configure:17928: $? = 1
```

```
2706 configure: failed program was:
2707 | /* confdefs.h */
2708 | #define PACKAGE_NAME "GNU APL"
2709 | #define PACKAGE_TARNAME "apl"
2710 | #define PACKAGE_VERSION "1.8"
2711 | #define PACKAGE_STRING "GNU APL 1.8"
2712 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
2713 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
2714 | #define STDC_HEADERS 1
2715 | #define HAVE_SYS_TYPES_H 1
2716 | #define HAVE_SYS_STAT_H 1
2717 | #define HAVE_STDLIB_H 1
2718 | #define HAVE_STRING_H 1
2719 | #define HAVE_MEMORY_H 1
2720 | #define HAVE_STRINGS_H 1
2721 | #define HAVE_INTTYPES_H 1
2722 | #define HAVE_STDINT_H 1
2723 | #define HAVE_UNISTD_H 1
2724 | #define __EXTENSIONS__ 1
2725 | #define _ALL_SOURCE 1
2726 | #define _GNU_SOURCE 1
2727 | #define _POSIX_PTHREAD_SEMANTICS 1
2728 | #define _TANDEM_SOURCE 1
2729 | #define PACKAGE "apl"
2730 | #define VERSION "1.8"
2731 | #define HAVE_DLFCN_H 1
2732 | #define LT_OBJDIR ".libs/"
2733 | #define HAVE_NCURSES_H 1
2734 | #define HAVE_TERM_H 1
2735 | #define HAVE_DIRENT_H 1
2736 | #define HAVE_EXECINFO_H 1
2737 | #define HAVE_FCNTL_H 1
2738 | #define HAVE_FENV_H 1
2739 | #define HAVE_INTTYPES_H 1
2740 | #define HAVE_LIMITS_H 1
2741 | #define HAVE_NETDB_H 1
2742 | #define HAVE_PNG_H 1
2743 | #define HAVE_STDINT_H 1
2744 | #define HAVE_STDLIB_H 1
2745 | #define HAVE_STRING_H 1
2746 | #define HAVE_STRINGS_H 1
```



```
2747 | #define HAVE_TERMIOS_H 1
2748 | #define HAVE_UNISTD_H 1
2749 | #define HAVE_UTMPX_H 1
2750 | #define HAVE_ZLIB_H 1
2751 | #define HAVE_NETINET_IN_H 1
2752 | #define HAVE_SYS_IOCTL_H 1
2753 | #define HAVE_SYS_SOCKET_H 1
2754 | #define HAVE_SYS_TIME_H 1
2755 | #define HAVE_SYS_UN_H 1
2756 | /* end confdefs.h. */
2757 | #include <stdio.h>
2758 | #ifdef HAVE_SYS_TYPES_H
2759 | # include <sys/types.h>
2760 | #endif
2761 | #ifdef HAVE_SYS_STAT_H
2762 | # include <sys/stat.h>
2763 | #endif
2764 | #ifdef STDC_HEADERS
2765 | # include <stdlib.h>
2766 | # include <stddef.h>
2767 | #else
2768 | # ifdef HAVE_STDLIB_H
2769 | # include <stdlib.h>
2770 | # endif
2771 | #endif
2772 | #ifdef HAVE_STRING_H
2773 | # if !defined STDC_HEADERS && defined HAVE_MEMORY_H
2774 | # include <memory.h>
2775 | # endif
2776 | # include <string.h>
2777 | #endif
2778 | #ifdef HAVE_STRINGS_H
2779 | # include <strings.h>
2780 | #endif
2781 | #ifdef HAVE_INTTYPES_H
2782 | # include <inttypes.h>
2783 | #endif
2784 | #ifdef HAVE_STDINT_H
2785 | # include <stdint.h>
2786 | #endif
2787 | #ifdef HAVE_UNISTD_H
```

```
2788 | # include <unistd.h>
2789 | #endif
2790 | int
2791 | main ()
2792 | {
2793 |   if (sizeof ((ssize_t)))
2794 |     return 0;
2795 |   ;
2796 |   return 0;
2797 | }
2798 configure:17928: result: yes
2799 configure:17939: checking for uint16_t
2800 configure:17939: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
2801 configure:17939: $? = 0
2802 configure:17939: result: yes
2803 configure:17951: checking for uint32_t
2804 configure:17951: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
2805 configure:17951: $? = 0
2806 configure:17951: result: yes
2807 configure:17965: checking for uint64_t
2808 configure:17965: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
2809 configure:17965: $? = 0
2810 configure:17965: result: yes
2811 configure:17979: checking for uint8_t
2812 configure:17979: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
2813 configure:17979: $? = 0
2814 configure:17979: result: yes
2815 configure:18018: checking for stat.st_blksize stat.st_rdev
2816 configure:18018: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
2817 confctest.cpp:88:8: error: must use 'struct' tag to refer to
... type 'stat' in this scope
2818 static stat ac_aggr;
2819     ^
2820     struct
2821 /Applications/Xcode.app/Contents/Developer/Platforms/MacOSX.
... platform/Developer/SDKs/MacOSX.sdk/usr/include/sys/stat.h:373:
```

```
2821... 9: note: struct 'stat' is hidden by a non-type declaration of
... 'stat' here
2822 int      stat(const char *, struct stat *)
...  __DARWIN_INODE64(stat);
2823      ^
2824 conftest.cpp:89:24: error: expected ')'
2825 if (ac_aggr.st_blksize stat.st_rdev)
2826      ^
2827 conftest.cpp:89:4: note: to match this '('
2828 if (ac_aggr.st_blksize stat.st_rdev)
2829      ^
2830 2 errors generated.
2831 configure:18018: $? = 1
2832 configure: failed program was:
2833 | /* confdefs.h */
2834 | #define PACKAGE_NAME "GNU APL"
2835 | #define PACKAGE_TARNAME "apl"
2836 | #define PACKAGE_VERSION "1.8"
2837 | #define PACKAGE_STRING "GNU APL 1.8"
2838 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
2839 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
2840 | #define STDC_HEADERS 1
2841 | #define HAVE_SYS_TYPES_H 1
2842 | #define HAVE_SYS_STAT_H 1
2843 | #define HAVE_STDLIB_H 1
2844 | #define HAVE_STRING_H 1
2845 | #define HAVE_MEMORY_H 1
2846 | #define HAVE_STRINGS_H 1
2847 | #define HAVE_INTTYPES_H 1
2848 | #define HAVE_STDINT_H 1
2849 | #define HAVE_UNISTD_H 1
2850 | #define __EXTENSIONS__ 1
2851 | #define _ALL_SOURCE 1
2852 | #define _GNU_SOURCE 1
2853 | #define _POSIX_PTHREAD_SEMANTICS 1
2854 | #define _TANDEM_SOURCE 1
2855 | #define PACKAGE "apl"
2856 | #define VERSION "1.8"
2857 | #define HAVE_DLFCN_H 1
2858 | #define LT_OBJDIR ".libs/"
2859 | #define HAVE_NCURSES_H 1
```

```
2860 | #define HAVE_TERM_H 1
2861 | #define HAVE_DIRENT_H 1
2862 | #define HAVE_EXECINFO_H 1
2863 | #define HAVE_FCNTL_H 1
2864 | #define HAVE_FENV_H 1
2865 | #define HAVE_INTTYPES_H 1
2866 | #define HAVE_LIMITS_H 1
2867 | #define HAVE_NETDB_H 1
2868 | #define HAVE_PNG_H 1
2869 | #define HAVE_STDINT_H 1
2870 | #define HAVE_STDLIB_H 1
2871 | #define HAVE_STRING_H 1
2872 | #define HAVE_STRINGS_H 1
2873 | #define HAVE_TERMIOS_H 1
2874 | #define HAVE_UNISTD_H 1
2875 | #define HAVE_UTMPX_H 1
2876 | #define HAVE_ZLIB_H 1
2877 | #define HAVE_NETINET_IN_H 1
2878 | #define HAVE_SYS_IOCTL_H 1
2879 | #define HAVE_SYS_SOCKET_H 1
2880 | #define HAVE_SYS_TIME_H 1
2881 | #define HAVE_SYS_UN_H 1
2882 | #define CONFIGURE_ARGS "./configure "
2883 | /* end confdefs.h. */
2884 | #include <stdio.h>
2885 | #ifdef HAVE_SYS_TYPES_H
2886 | # include <sys/types.h>
2887 | #endif
2888 | #ifdef HAVE_SYS_STAT_H
2889 | # include <sys/stat.h>
2890 | #endif
2891 | #ifdef STDC_HEADERS
2892 | # include <stdlib.h>
2893 | # include <stddef.h>
2894 | #else
2895 | # ifdef HAVE_STDLIB_H
2896 | # include <stdlib.h>
2897 | # endif
2898 | #endif
2899 | #ifdef HAVE_STRING_H
2900 | # if !defined STDC_HEADERS && defined HAVE_MEMORY_H
```

```
2901 | # include <memory.h>
2902 | # endif
2903 | # include <string.h>
2904 | #endif
2905 | #ifdef HAVE_STRINGS_H
2906 | # include <strings.h>
2907 | #endif
2908 | #ifdef HAVE_INTTYPES_H
2909 | # include <inttypes.h>
2910 | #endif
2911 | #ifdef HAVE_STDINT_H
2912 | # include <stdint.h>
2913 | #endif
2914 | #ifdef HAVE_UNISTD_H
2915 | # include <unistd.h>
2916 | #endif
2917 | int
2918 | main ()
2919 | {
2920 | static stat ac_aggr;
2921 | if (ac_aggr.st_blksize stat.st_rdev)
2922 | return 0;
2923 | ;
2924 | return 0;
2925 | }
2926 configure:18018: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
2927 confctest.cpp:88:8: error: must use 'struct' tag to refer to
... type 'stat' in this scope
2928 static stat ac_aggr;
2929     ^
2930     struct
2931 /Applications/Xcode.app/Contents/Developer/Platforms/MacOSX.
... platform/Developer/SDKs/MacOSX.sdk/usr/include/sys/stat.h:373:
... 9: note: struct 'stat' is hidden by a non-type declaration of
... 'stat' here
2932 int      stat(const char *, struct stat *)
... __DARWIN_INODE64(stat);
2933     ^
2934 confctest.cpp:89:31: error: expected ')'
2935 if (sizeof ac_aggr.st_blksize stat.st_rdev)
```

```
2936                                     ^
2937 conftest.cpp:89:4: note: to match this '('
2938 if (sizeof ac_aggr.st_blksize stat.st_rdev)
2939     ^
2940 2 errors generated.
2941 configure:18018: $? = 1
2942 configure: failed program was:
2943 | /* confdefs.h */
2944 | #define PACKAGE_NAME "GNU APL"
2945 | #define PACKAGE_TARNAME "apl"
2946 | #define PACKAGE_VERSION "1.8"
2947 | #define PACKAGE_STRING "GNU APL 1.8"
2948 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
2949 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
2950 | #define STDC_HEADERS 1
2951 | #define HAVE_SYS_TYPES_H 1
2952 | #define HAVE_SYS_STAT_H 1
2953 | #define HAVE_STDLIB_H 1
2954 | #define HAVE_STRING_H 1
2955 | #define HAVE_MEMORY_H 1
2956 | #define HAVE_STRINGS_H 1
2957 | #define HAVE_INTTYPES_H 1
2958 | #define HAVE_STDINT_H 1
2959 | #define HAVE_UNISTD_H 1
2960 | #define __EXTENSIONS__ 1
2961 | #define _ALL_SOURCE 1
2962 | #define _GNU_SOURCE 1
2963 | #define _POSIX_PTHREAD_SEMANTICS 1
2964 | #define _TANDEM_SOURCE 1
2965 | #define PACKAGE "apl"
2966 | #define VERSION "1.8"
2967 | #define HAVE_DLFCN_H 1
2968 | #define LT_OBJDIR ".libs/"
2969 | #define HAVE_NCURSES_H 1
2970 | #define HAVE_TERM_H 1
2971 | #define HAVE_DIRENT_H 1
2972 | #define HAVE_EXECINFO_H 1
2973 | #define HAVE_FCNTL_H 1
2974 | #define HAVE_FENV_H 1
2975 | #define HAVE_INTTYPES_H 1
2976 | #define HAVE_LIMITS_H 1
```

```
2977 | #define HAVE_NETDB_H 1
2978 | #define HAVE_PNG_H 1
2979 | #define HAVE_STDINT_H 1
2980 | #define HAVE_STDLIB_H 1
2981 | #define HAVE_STRING_H 1
2982 | #define HAVE_STRINGS_H 1
2983 | #define HAVE_TERMIOS_H 1
2984 | #define HAVE_UNISTD_H 1
2985 | #define HAVE_UTMPX_H 1
2986 | #define HAVE_ZLIB_H 1
2987 | #define HAVE_NETINET_IN_H 1
2988 | #define HAVE_SYS_IOCTL_H 1
2989 | #define HAVE_SYS_SOCKET_H 1
2990 | #define HAVE_SYS_TIME_H 1
2991 | #define HAVE_SYS_UN_H 1
2992 | #define CONFIGURE_ARGS "./configure "
2993 | /* end confdefs.h. */
2994 | #include <stdio.h>
2995 | #ifdef HAVE_SYS_TYPES_H
2996 | # include <sys/types.h>
2997 | #endif
2998 | #ifdef HAVE_SYS_STAT_H
2999 | # include <sys/stat.h>
3000 | #endif
3001 | #ifdef STDC_HEADERS
3002 | # include <stdlib.h>
3003 | # include <stddef.h>
3004 | #else
3005 | # ifdef HAVE_STDLIB_H
3006 | # include <stdlib.h>
3007 | # endif
3008 | #endif
3009 | #ifdef HAVE_STRING_H
3010 | # if !defined STDC_HEADERS && defined HAVE_MEMORY_H
3011 | # include <memory.h>
3012 | # endif
3013 | # include <string.h>
3014 | #endif
3015 | #ifdef HAVE_STRINGS_H
3016 | # include <strings.h>
3017 | #endif
```

```
3018 | #ifdef HAVE_INTTYPES_H
3019 | # include <inttypes.h>
3020 | #endif
3021 | #ifdef HAVE_STDINT_H
3022 | # include <stdint.h>
3023 | #endif
3024 | #ifdef HAVE_UNISTD_H
3025 | # include <unistd.h>
3026 | #endif
3027 | int
3028 | main ()
3029 | {
3030 | static stat ac_aggr;
3031 | if (sizeof ac_aggr.st_blksize stat.st_rdev)
3032 | return 0;
3033 | ;
3034 | return 0;
3035 | }
3036 configure:18018: result: no
3037 configure:18029: checking for error_at_line
3038 configure:18045: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp
... >&5
3039 conftest.cpp:52:10: fatal error: 'error.h' file not found
3040 #include <error.h>
3041          ^~~~~~
3042 1 error generated.
3043 configure:18045: $? = 1
3044 configure: failed program was:
3045 | /* confdefs.h */
3046 | #define PACKAGE_NAME "GNU APL"
3047 | #define PACKAGE_TARNAME "apl"
3048 | #define PACKAGE_VERSION "1.8"
3049 | #define PACKAGE_STRING "GNU APL 1.8"
3050 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
3051 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
3052 | #define STDC_HEADERS 1
3053 | #define HAVE_SYS_TYPES_H 1
3054 | #define HAVE_SYS_STAT_H 1
3055 | #define HAVE_STDLIB_H 1
3056 | #define HAVE_STRING_H 1
```



```
3057 | #define HAVE_MEMORY_H 1
3058 | #define HAVE_STRINGS_H 1
3059 | #define HAVE_INTTYPES_H 1
3060 | #define HAVE_STDINT_H 1
3061 | #define HAVE_UNISTD_H 1
3062 | #define __EXTENSIONS__ 1
3063 | #define _ALL_SOURCE 1
3064 | #define _GNU_SOURCE 1
3065 | #define _POSIX_PTHREAD_SEMANTICS 1
3066 | #define _TANDEM_SOURCE 1
3067 | #define PACKAGE "apl"
3068 | #define VERSION "1.8"
3069 | #define HAVE_DLFCN_H 1
3070 | #define LT_OBJDIR ".libs/"
3071 | #define HAVE_NCURSES_H 1
3072 | #define HAVE_TERM_H 1
3073 | #define HAVE_DIRENT_H 1
3074 | #define HAVE_EXECINFO_H 1
3075 | #define HAVE_FCNTL_H 1
3076 | #define HAVE_FENV_H 1
3077 | #define HAVE_INTTYPES_H 1
3078 | #define HAVE_LIMITS_H 1
3079 | #define HAVE_NETDB_H 1
3080 | #define HAVE_PNG_H 1
3081 | #define HAVE_STDINT_H 1
3082 | #define HAVE_STDLIB_H 1
3083 | #define HAVE_STRING_H 1
3084 | #define HAVE_STRINGS_H 1
3085 | #define HAVE_TERMIOS_H 1
3086 | #define HAVE_UNISTD_H 1
3087 | #define HAVE_UTMPX_H 1
3088 | #define HAVE_ZLIB_H 1
3089 | #define HAVE_NETINET_IN_H 1
3090 | #define HAVE_SYS_IOCTL_H 1
3091 | #define HAVE_SYS_SOCKET_H 1
3092 | #define HAVE_SYS_TIME_H 1
3093 | #define HAVE_SYS_UN_H 1
3094 | #define CONFIGURE_ARGS "./configure "
3095 | /* end confdefs.h. */
3096 | #include <error.h>
3097 | int
```

```
3098 | main ()
3099 | {
3100 | error_at_line (0, 0, "", 0, "an error occurred");
3101 | ;
3102 | return 0;
3103 | }
3104 configure:18053: result: no
3105 configure:18064: checking for pid_t
3106 configure:18064: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp >&5
3107 configure:18064: $? = 0
3108 configure:18064: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp >&5
3109 conftest.cpp:88:20: error: expected expression
3110 if (sizeof ((pid_t))
3111                 ^
3112 1 error generated.
3113 configure:18064: $? = 1
3114 configure: failed program was:
3115 | /* confdefs.h */
3116 | #define PACKAGE_NAME "GNU APL"
3117 | #define PACKAGE_TARNAME "apl"
3118 | #define PACKAGE_VERSION "1.8"
3119 | #define PACKAGE_STRING "GNU APL 1.8"
3120 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
3121 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
3122 | #define STDC_HEADERS 1
3123 | #define HAVE_SYS_TYPES_H 1
3124 | #define HAVE_SYS_STAT_H 1
3125 | #define HAVE_STDLIB_H 1
3126 | #define HAVE_STRING_H 1
3127 | #define HAVE_MEMORY_H 1
3128 | #define HAVE_STRINGS_H 1
3129 | #define HAVE_INTTYPES_H 1
3130 | #define HAVE_STDINT_H 1
3131 | #define HAVE_UNISTD_H 1
3132 | #define __EXTENSIONS__ 1
3133 | #define _ALL_SOURCE 1
3134 | #define _GNU_SOURCE 1
3135 | #define _POSIX_PTHREAD_SEMANTICS 1
3136 | #define _TANDEM_SOURCE 1
```

```
3137 | #define PACKAGE "apl"
3138 | #define VERSION "1.8"
3139 | #define HAVE_DLFCN_H 1
3140 | #define LT_OBJDIR ".libs/"
3141 | #define HAVE_NCURSES_H 1
3142 | #define HAVE_TERM_H 1
3143 | #define HAVE_DIRENT_H 1
3144 | #define HAVE_EXECINFO_H 1
3145 | #define HAVE_FCNTL_H 1
3146 | #define HAVE_FENV_H 1
3147 | #define HAVE_INTTYPES_H 1
3148 | #define HAVE_LIMITS_H 1
3149 | #define HAVE_NETDB_H 1
3150 | #define HAVE_PNG_H 1
3151 | #define HAVE_STDINT_H 1
3152 | #define HAVE_STDLIB_H 1
3153 | #define HAVE_STRING_H 1
3154 | #define HAVE_STRINGS_H 1
3155 | #define HAVE_TERMIOS_H 1
3156 | #define HAVE_UNISTD_H 1
3157 | #define HAVE_UTMPX_H 1
3158 | #define HAVE_ZLIB_H 1
3159 | #define HAVE_NETINET_IN_H 1
3160 | #define HAVE_SYS_IOCTL_H 1
3161 | #define HAVE_SYS_SOCKET_H 1
3162 | #define HAVE_SYS_TIME_H 1
3163 | #define HAVE_SYS_UN_H 1
3164 | #define CONFIGURE_ARGS "./configure "
3165 | /* end confdefs.h. */
3166 | #include <stdio.h>
3167 | #ifdef HAVE_SYS_TYPES_H
3168 | # include <sys/types.h>
3169 | #endif
3170 | #ifdef HAVE_SYS_STAT_H
3171 | # include <sys/stat.h>
3172 | #endif
3173 | #ifdef STDC_HEADERS
3174 | # include <stdlib.h>
3175 | # include <stddef.h>
3176 | #else
3177 | # ifdef HAVE_STDLIB_H
```

```
3178 | # include <stdlib.h>
3179 | # endif
3180 | #endif
3181 | #ifdef HAVE_STRING_H
3182 | # if !defined STDC_HEADERS && defined HAVE_MEMORY_H
3183 | # include <memory.h>
3184 | # endif
3185 | # include <string.h>
3186 | #endif
3187 | #ifdef HAVE_STRINGS_H
3188 | # include <strings.h>
3189 | #endif
3190 | #ifdef HAVE_INTTYPES_H
3191 | # include <inttypes.h>
3192 | #endif
3193 | #ifdef HAVE_STDINT_H
3194 | # include <stdint.h>
3195 | #endif
3196 | #ifdef HAVE_UNISTD_H
3197 | # include <unistd.h>
3198 | #endif
3199 | int
3200 | main ()
3201 | {
3202 |   if (sizeof ((pid_t)))
3203 |     return 0;
3204 |   ;
3205 |   return 0;
3206 | }
3207 configure:18064: result: yes
3208 configure:18077: checking vfork.h usability
3209 configure:18077: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp >&5
3210 conftest.cpp:85:10: fatal error: 'vfork.h' file not found
3211 #include <vfork.h>
3212     ^~~~~~
3213 1 error generated.
3214 configure:18077: $? = 1
3215 configure: failed program was:
3216 | /* confdefs.h */
3217 | #define PACKAGE_NAME "GNU APL"
```

```
3218 | #define PACKAGE_TARNAME "apl"
3219 | #define PACKAGE_VERSION "1.8"
3220 | #define PACKAGE_STRING "GNU APL 1.8"
3221 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
3222 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
3223 | #define STDC_HEADERS 1
3224 | #define HAVE_SYS_TYPES_H 1
3225 | #define HAVE_SYS_STAT_H 1
3226 | #define HAVE_STDLIB_H 1
3227 | #define HAVE_STRING_H 1
3228 | #define HAVE_MEMORY_H 1
3229 | #define HAVE_STRINGS_H 1
3230 | #define HAVE_INTTYPES_H 1
3231 | #define HAVE_STDINT_H 1
3232 | #define HAVE_UNISTD_H 1
3233 | #define __EXTENSIONS__ 1
3234 | #define _ALL_SOURCE 1
3235 | #define _GNU_SOURCE 1
3236 | #define _POSIX_PTHREAD_SEMANTICS 1
3237 | #define _TANDEM_SOURCE 1
3238 | #define PACKAGE "apl"
3239 | #define VERSION "1.8"
3240 | #define HAVE_DLFCN_H 1
3241 | #define LT_OBJDIR ".libs/"
3242 | #define HAVE_NCURSES_H 1
3243 | #define HAVE_TERM_H 1
3244 | #define HAVE_DIRENT_H 1
3245 | #define HAVE_EXECINFO_H 1
3246 | #define HAVE_FCNTL_H 1
3247 | #define HAVE_FENV_H 1
3248 | #define HAVE_INTTYPES_H 1
3249 | #define HAVE_LIMITS_H 1
3250 | #define HAVE_NETDB_H 1
3251 | #define HAVE_PNG_H 1
3252 | #define HAVE_STDINT_H 1
3253 | #define HAVE_STDLIB_H 1
3254 | #define HAVE_STRING_H 1
3255 | #define HAVE_STRINGS_H 1
3256 | #define HAVE_TERMIOS_H 1
3257 | #define HAVE_UNISTD_H 1
3258 | #define HAVE_UTMPX_H 1
```

```
3259 | #define HAVE_ZLIB_H 1
3260 | #define HAVE_NETINET_IN_H 1
3261 | #define HAVE_SYS_IOCTL_H 1
3262 | #define HAVE_SYS_SOCKET_H 1
3263 | #define HAVE_SYS_TIME_H 1
3264 | #define HAVE_SYS_UN_H 1
3265 | #define CONFIGURE_ARGS "./configure "
3266 | /* end confdefs.h. */
3267 | #include <stdio.h>
3268 | #ifdef HAVE_SYS_TYPES_H
3269 | # include <sys/types.h>
3270 | #endif
3271 | #ifdef HAVE_SYS_STAT_H
3272 | # include <sys/stat.h>
3273 | #endif
3274 | #ifdef STDC_HEADERS
3275 | # include <stdlib.h>
3276 | # include <stddef.h>
3277 | #else
3278 | # ifdef HAVE_STDLIB_H
3279 | # include <stdlib.h>
3280 | # endif
3281 | #endif
3282 | #ifdef HAVE_STRING_H
3283 | # if !defined STDC_HEADERS && defined HAVE_MEMORY_H
3284 | # include <memory.h>
3285 | # endif
3286 | # include <string.h>
3287 | #endif
3288 | #ifdef HAVE_STRINGS_H
3289 | # include <strings.h>
3290 | #endif
3291 | #ifdef HAVE_INTTYPES_H
3292 | # include <inttypes.h>
3293 | #endif
3294 | #ifdef HAVE_STDINT_H
3295 | # include <stdint.h>
3296 | #endif
3297 | #ifdef HAVE_UNISTD_H
3298 | # include <unistd.h>
3299 | #endif
```

```
3300 | #include <vfork.h>
3301 configure:18077: result: no
3302 configure:18077: checking vfork.h presence
3303 configure:18077: g++ -E conftest.cpp
3304 conftest.cpp:52:10: fatal error: 'vfork.h' file not found
3305 #include <vfork.h>
3306     ^~~~~~
3307 1 error generated.
3308 configure:18077: $? = 1
3309 configure: failed program was:
3310 | /* confdefs.h */
3311 | #define PACKAGE_NAME "GNU APL"
3312 | #define PACKAGE_TARNAME "apl"
3313 | #define PACKAGE_VERSION "1.8"
3314 | #define PACKAGE_STRING "GNU APL 1.8"
3315 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
3316 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
3317 | #define STDC_HEADERS 1
3318 | #define HAVE_SYS_TYPES_H 1
3319 | #define HAVE_SYS_STAT_H 1
3320 | #define HAVE_STDLIB_H 1
3321 | #define HAVE_STRING_H 1
3322 | #define HAVE_MEMORY_H 1
3323 | #define HAVE_STRINGS_H 1
3324 | #define HAVE_INTTYPES_H 1
3325 | #define HAVE_STDINT_H 1
3326 | #define HAVE_UNISTD_H 1
3327 | #define __EXTENSIONS__ 1
3328 | #define _ALL_SOURCE 1
3329 | #define _GNU_SOURCE 1
3330 | #define _POSIX_PTHREAD_SEMANTICS 1
3331 | #define _TANDEM_SOURCE 1
3332 | #define PACKAGE "apl"
3333 | #define VERSION "1.8"
3334 | #define HAVE_DLFCN_H 1
3335 | #define LT_OBJDIR ".libs/"
3336 | #define HAVE_NCURSES_H 1
3337 | #define HAVE_TERM_H 1
3338 | #define HAVE_DIRENT_H 1
3339 | #define HAVE_EXECINFO_H 1
3340 | #define HAVE_FCNTL_H 1
```

```
3341 | #define HAVE_FENV_H 1
3342 | #define HAVE_INTTYPES_H 1
3343 | #define HAVE_LIMITS_H 1
3344 | #define HAVE_NETDB_H 1
3345 | #define HAVE_PNG_H 1
3346 | #define HAVE_STDINT_H 1
3347 | #define HAVE_STDLIB_H 1
3348 | #define HAVE_STRING_H 1
3349 | #define HAVE_STRINGS_H 1
3350 | #define HAVE_TERMIOS_H 1
3351 | #define HAVE_UNISTD_H 1
3352 | #define HAVE_UTMPX_H 1
3353 | #define HAVE_ZLIB_H 1
3354 | #define HAVE_NETINET_IN_H 1
3355 | #define HAVE_SYS_IOCTL_H 1
3356 | #define HAVE_SYS_SOCKET_H 1
3357 | #define HAVE_SYS_TIME_H 1
3358 | #define HAVE_SYS_UN_H 1
3359 | #define CONFIGURE_ARGS "./configure "
3360 | /* end confdefs.h. */
3361 | #include <vfork.h>
3362 configure:18077: result: no
3363 configure:18077: checking for vfork.h
3364 configure:18077: result: no
3365 configure:18090: checking for fork
3366 configure:18090: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp
... >&5
3367 configure:18090: $? = 0
3368 configure:18090: result: yes
3369 configure:18090: checking for vfork
3370 configure:18090: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp
... >&5
3371 configure:18090: $? = 0
3372 configure:18090: result: yes
3373 configure:18100: checking for working fork
3374 configure:18122: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp
... >&5
3375 configure:18122: $? = 0
```



```
3376 configure:18122: ./confptest
3377 configure:18122: $? = 0
3378 configure:18132: result: yes
3379 configure:18153: checking for working vfork
3380 configure:18263: result: yes
3381 configure:18290: checking for stdlib.h
3382 configure:18290: result: yes
3383 configure:18300: checking for GNU libc compatible malloc
3384 configure:18324: g++ -o confptest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confptest.cpp
... >&5
3385 configure:18324: $? = 0
3386 configure:18324: ./confptest
3387 configure:18324: $? = 0
3388 configure:18334: result: yes
3389 configure:18355: checking whether time.h and sys/time.h may
... both be included
3390 configure:18375: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confptest.cpp >&5
3391 configure:18375: $? = 0
3392 configure:18382: result: yes
3393 configure:18396: checking for sys/time.h
3394 configure:18396: result: yes
3395 configure:18396: checking for unistd.h
3396 configure:18396: result: yes
3397 configure:18396: checking for stdlib.h
3398 configure:18396: result: yes
3399 configure:18396: checking for sys/param.h
3400 configure:18396: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confptest.cpp >&5
3401 configure:18396: $? = 0
3402 configure:18396: result: yes
3403 configure:18417: checking for alarm
3404 configure:18417: g++ -o confptest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confptest.cpp
... >&5
3405 configure:18417: $? = 0
3406 configure:18417: result: yes
3407 configure:18430: checking for working mktime
3408 configure:18632: g++ -o confptest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confptest.cpp
```

```
3408... >&5
3409 configure:18632: $? = 0
3410 configure:18632: ./conftest
3411 configure:18632: $? = 1
3412 configure: program exited with status 1
3413 configure: failed program was:
3414 | /* confdefs.h */
3415 | #define PACKAGE_NAME "GNU APL"
3416 | #define PACKAGE_TARNAME "apl"
3417 | #define PACKAGE_VERSION "1.8"
3418 | #define PACKAGE_STRING "GNU APL 1.8"
3419 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
3420 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
3421 | #define STDC_HEADERS 1
3422 | #define HAVE_SYS_TYPES_H 1
3423 | #define HAVE_SYS_STAT_H 1
3424 | #define HAVE_STDLIB_H 1
3425 | #define HAVE_STRING_H 1
3426 | #define HAVE_MEMORY_H 1
3427 | #define HAVE_STRINGS_H 1
3428 | #define HAVE_INTTYPES_H 1
3429 | #define HAVE_STDINT_H 1
3430 | #define HAVE_UNISTD_H 1
3431 | #define __EXTENSIONS__ 1
3432 | #define _ALL_SOURCE 1
3433 | #define _GNU_SOURCE 1
3434 | #define _POSIX_PTHREAD_SEMANTICS 1
3435 | #define _TANDEM_SOURCE 1
3436 | #define PACKAGE "apl"
3437 | #define VERSION "1.8"
3438 | #define HAVE_DLFCN_H 1
3439 | #define LT_OBJDIR ".libs/"
3440 | #define HAVE_NCURSES_H 1
3441 | #define HAVE_TERM_H 1
3442 | #define HAVE_DIRENT_H 1
3443 | #define HAVE_EXECINFO_H 1
3444 | #define HAVE_FCNTL_H 1
3445 | #define HAVE_FENV_H 1
3446 | #define HAVE_INTTYPES_H 1
3447 | #define HAVE_LIMITS_H 1
3448 | #define HAVE_NETDB_H 1
```

```
3449 | #define HAVE_PNG_H 1
3450 | #define HAVE_STDINT_H 1
3451 | #define HAVE_STDLIB_H 1
3452 | #define HAVE_STRING_H 1
3453 | #define HAVE_STRINGS_H 1
3454 | #define HAVE_TERMIOS_H 1
3455 | #define HAVE_UNISTD_H 1
3456 | #define HAVE_UTMPX_H 1
3457 | #define HAVE_ZLIB_H 1
3458 | #define HAVE_NETINET_IN_H 1
3459 | #define HAVE_SYS_IOCTL_H 1
3460 | #define HAVE_SYS_SOCKET_H 1
3461 | #define HAVE_SYS_TIME_H 1
3462 | #define HAVE_SYS_UN_H 1
3463 | #define CONFIGURE_ARGS "./configure "
3464 | #define HAVE_FORK 1
3465 | #define HAVE_VFORK 1
3466 | #define HAVE_WORKING_VFORK 1
3467 | #define HAVE_WORKING_FORK 1
3468 | #define HAVE_STDLIB_H 1
3469 | #define HAVE_MALLOC 1
3470 | #define TIME_WITH_SYS_TIME 1
3471 | #define HAVE_SYS_TIME_H 1
3472 | #define HAVE_UNISTD_H 1
3473 | #define HAVE_STDLIB_H 1
3474 | #define HAVE_SYS_PARAM_H 1
3475 | #define HAVE_ALARM 1
3476 | /* end confdefs.h. */
3477 | /* Test program from Paul Eggert and Tony Leneis. */
3478 | #ifdef TIME_WITH_SYS_TIME
3479 | # include <sys/time.h>
3480 | # include <time.h>
3481 | #else
3482 | # ifdef HAVE_SYS_TIME_H
3483 | # include <sys/time.h>
3484 | # else
3485 | # include <time.h>
3486 | # endif
3487 | #endif
3488 |
3489 | #include <limits.h>
```

```
3490 | #include <stdlib.h>
3491 |
3492 | #ifdef HAVE_UNISTD_H
3493 | # include <unistd.h>
3494 | #endif
3495 |
3496 | #ifndef HAVE_ALARM
3497 | # define alarm(X) /* empty */
3498 | #endif
3499 |
3500 | /* Work around redefinition to rpl_putenv by other config
... tests. */
3501 | #undef putenv
3502 |
3503 | static time_t time_t_max;
3504 | static time_t time_t_min;
3505 |
3506 | /* Values we'll use to set the TZ environment variable. */
3507 | static const char *tz_strings[] = {
3508 |     (const char *) 0, "TZ=GMT0", "TZ=JST-9",
3509 |     "TZ=EST+3EDT+2,M10.1.0/00:00:00,M2.3.0/00:00:00"
3510 | };
3511 | #define N_STRINGS (sizeof (tz_strings) / sizeof
... (tz_strings[0]))
3512 |
3513 | /* Return 0 if mktime fails to convert a date in the
... spring-forward gap.
3514 |     Based on a problem report from Andreas Jaeger. */
3515 | static int
3516 | spring_forward_gap ()
3517 | {
3518 |     /* glibc (up to about 1998-10-07) failed this test. */
3519 |     struct tm tm;
3520 |
3521 |     /* Use the portable POSIX.1 specification
... "TZ=PST8PDT,M4.1.0,M10.5.0"
3522 |         instead of "TZ=America/Vancouver" in order to detect
... the bug even
3523 |         on systems that don't support the Olson extension, or
... don't have the
3524 |         full zoneinfo tables installed. */
```

```
3525 |     putenv ((char*) "TZ=PST8PDT,M4.1.0,M10.5.0");
3526 |
3527 |     tm.tm_year = 98;
3528 |     tm.tm_mon = 3;
3529 |     tm.tm_mday = 5;
3530 |     tm.tm_hour = 2;
3531 |     tm.tm_min = 0;
3532 |     tm.tm_sec = 0;
3533 |     tm.tm_isdst = -1;
3534 |     return mktime (&tm) != (time_t) -1;
3535 | }
3536 |
3537 | static int
3538 | mktime_test1 (time_t now)
3539 | {
3540 |     struct tm *lt;
3541 |     return ! (lt = localtime (&now)) || mktime (lt) == now;
3542 | }
3543 |
3544 | static int
3545 | mktime_test (time_t now)
3546 | {
3547 |     return (mktime_test1 (now)
3548 |             && mktime_test1 ((time_t) (time_t_max - now))
3549 |             && mktime_test1 ((time_t) (time_t_min + now)));
3550 | }
3551 |
3552 | static int
3553 | irix_6_4_bug ()
3554 | {
3555 |     /* Based on code from Ariel Faigon. */
3556 |     struct tm tm;
3557 |     tm.tm_year = 96;
3558 |     tm.tm_mon = 3;
3559 |     tm.tm_mday = 0;
3560 |     tm.tm_hour = 0;
3561 |     tm.tm_min = 0;
3562 |     tm.tm_sec = 0;
3563 |     tm.tm_isdst = -1;
3564 |     mktime (&tm);
3565 |     return tm.tm_mon == 2 && tm.tm_mday == 31;
```

```
3566 | }
3567 |
3568 | static int
3569 | bigtime_test (int j)
3570 | {
3571 |     struct tm tm;
3572 |     time_t now;
3573 |     tm.tm_year = tm.tm_mon = tm.tm_mday = tm.tm_hour =
... tm.tm_min = tm.tm_sec = j;
3574 |     now = mktime (&tm);
3575 |     if (now != (time_t) -1)
3576 |     {
3577 |         struct tm *lt = localtime (&now);
3578 |         if (! (lt
3579 |             && lt->tm_year == tm.tm_year
3580 |             && lt->tm_mon == tm.tm_mon
3581 |             && lt->tm_mday == tm.tm_mday
3582 |             && lt->tm_hour == tm.tm_hour
3583 |             && lt->tm_min == tm.tm_min
3584 |             && lt->tm_sec == tm.tm_sec
3585 |             && lt->tm_yday == tm.tm_yday
3586 |             && lt->tm_wday == tm.tm_wday
3587 |             && ((lt->tm_isdst < 0 ? -1 : 0 < lt->tm_isdst)
3588 |                 == (tm.tm_isdst < 0 ? -1 : 0 < tm.tm_isdst))))
3589 |         return 0;
3590 |     }
3591 |     return 1;
3592 | }
3593 |
3594 | static int
3595 | year_2050_test ()
3596 | {
3597 |     /* The correct answer for 2050-02-01 00:00:00 in Pacific
... time,
3598 |         ignoring leap seconds. */
3599 |     unsigned long int answer = 2527315200UL;
3600 |
3601 |     struct tm tm;
3602 |     time_t t;
3603 |     tm.tm_year = 2050 - 1900;
3604 |     tm.tm_mon = 2 - 1;
```

```
3605 |     tm.tm_mday = 1;
3606 |     tm.tm_hour = tm.tm_min = tm.tm_sec = 0;
3607 |     tm.tm_isdst = -1;
3608 |
3609 |     /* Use the portable POSIX.1 specification
... "TZ=PST8PDT,M4.1.0,M10.5.0"
3610 |         instead of "TZ=America/Vancouver" in order to detect
... the bug even
3611 |         on systems that don't support the Olson extension, or
... don't have the
3612 |         full zoneinfo tables installed. */
3613 |     putenv ((char*) "TZ=PST8PDT,M4.1.0,M10.5.0");
3614 |
3615 |     t = mktime (&tm);
3616 |
3617 |     /* Check that the result is either a failure, or close
... enough
3618 |         to the correct answer that we can assume the
... discrepancy is
3619 |         due to leap seconds. */
3620 |     return (t == (time_t) -1
3621 |         || (0 < t && answer - 120 <= t && t <= answer + 120));
3622 | }
3623 |
3624 | int
3625 | main ()
3626 | {
3627 |     time_t t, delta;
3628 |     int i, j;
3629 |
3630 |     /* This test makes some buggy mktime implementations loop.
3631 |        Give up after 60 seconds; a mktime slower than that
3632 |        isn't worth using anyway. */
3633 |     alarm (60);
3634 |
3635 |     for (;;)
3636 |     {
3637 |         t = (time_t_max << 1) + 1;
3638 |         if (t <= time_t_max)
3639 |             break;
3640 |         time_t_max = t;
```

```
3641 |     }
3642 |     time_t_min = - ((time_t) ~ (time_t) 0 == (time_t) -1) -
... time_t_max;
3643 |
3644 |     delta = time_t_max / 997; /* a suitable prime number */
3645 |     for (i = 0; i < N_STRINGS; i++)
3646 |     {
3647 |         if (tz_strings[i])
3648 |             putenv ((char*) tz_strings[i]);
3649 |
3650 |         for (t = 0; t <= time_t_max - delta; t += delta)
3651 |             if (! mktime_test (t))
3652 |                 return 1;
3653 |                 if (! (mktime_test ((time_t) 1)
3654 |                     && mktime_test ((time_t) (60 * 60))
3655 |                     && mktime_test ((time_t) (60 * 60 * 24))))
3656 |                     return 1;
3657 |
3658 |                 for (j = 1; ; j <<= 1)
3659 |                     if (! bigtime_test (j))
3660 |                         return 1;
3661 |                     else if (INT_MAX / 2 < j)
3662 |                         break;
3663 |                     if (! bigtime_test (INT_MAX))
3664 |                         return 1;
3665 |                 }
3666 |             return ! (irix_6_4_bug () && spring_forward_gap () &&
... year_2050_test ());
3667 | }
3668 configure:18642: result: no
3669 configure:18653: checking for working strtod
3670 configure:18694: g++ -o confctest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk    confctest.cpp
... >&5
3671 confctest.cpp:106:20: warning: conversion from string literal
... to 'char *' is deprecated
... [-Wc++11-compat-deprecated-writable-strings]
3672     char *string = " +69";
3673         ^
3674 confctest.cpp:117:20: warning: conversion from string literal
... to 'char *' is deprecated
```



```
3674... [-Wc++11-compat-deprecated-writable-strings]
3675     char *string = "NaN";
3676         ^
3677 2 warnings generated.
3678 configure:18694: $? = 0
3679 configure:18694: ./confptest
3680 configure:18694: $? = 0
3681 configure:18704: result: yes
3682 configure:18773: checking for getpagesize
3683 configure:18773: g++ -o confptest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk      confptest.cpp
... >&5
3684 configure:18773: $? = 0
3685 configure:18773: result: yes
3686 configure:18782: checking for working mmap
3687 configure:18931: g++ -o confptest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk      confptest.cpp
... >&5
3688 configure:18931: $? = 0
3689 configure:18931: ./confptest
3690 configure:18931: $? = 0
3691 configure:18941: result: yes
3692 configure:18964: checking for dup2
3693 configure:18964: g++ -o confptest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk      confptest.cpp
... >&5
3694 configure:18964: $? = 0
3695 configure:18964: result: yes
3696 configure:18964: checking for floor
3697 configure:18964: g++ -o confptest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk      confptest.cpp
... >&5
3698 configure:18964: $? = 0
3699 configure:18964: result: yes
3700 configure:18964: checking for getcwd
3701 configure:18964: g++ -o confptest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk      confptest.cpp
... >&5
3702 configure:18964: $? = 0
3703 configure:18964: result: yes
3704 configure:18964: checking for gethostbyname
```

```
3705 configure:18964: g++ -o confctest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp
... >&5
3706 configure:18964: $? = 0
3707 configure:18964: result: yes
3708 configure:18964: checking for gettimeofday
3709 configure:18964: g++ -o confctest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp
... >&5
3710 configure:18964: $? = 0
3711 configure:18964: result: yes
3712 configure:18964: checking for memset
3713 configure:18964: g++ -o confctest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp
... >&5
3714 configure:18964: $? = 0
3715 configure:18964: result: yes
3716 configure:18964: checking for mkdir
3717 configure:18964: g++ -o confctest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp
... >&5
3718 configure:18964: $? = 0
3719 configure:18964: result: yes
3720 configure:18964: checking for modf
3721 configure:18964: g++ -o confctest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp
... >&5
3722 configure:18964: $? = 0
3723 configure:18964: result: yes
3724 configure:18964: checking for munmap
3725 configure:18964: g++ -o confctest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp
... >&5
3726 configure:18964: $? = 0
3727 configure:18964: result: yes
3728 configure:18964: checking for pow
3729 configure:18964: g++ -o confctest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp
... >&5
3730 configure:18964: $? = 0
3731 configure:18964: result: yes
```

```
3732 configure:18964: checking for realpath
3733 configure:18964: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk      conftest.cpp
... >&5
3734 configure:18964: $? = 0
3735 configure:18964: result: yes
3736 configure:18964: checking for rint
3737 configure:18964: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk      conftest.cpp
... >&5
3738 configure:18964: $? = 0
3739 configure:18964: result: yes
3740 configure:18964: checking for rmdir
3741 configure:18964: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk      conftest.cpp
... >&5
3742 configure:18964: $? = 0
3743 configure:18964: result: yes
3744 configure:18964: checking for select
3745 configure:18964: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk      conftest.cpp
... >&5
3746 configure:18964: $? = 0
3747 configure:18964: result: yes
3748 configure:18964: checking for setenv
3749 configure:18964: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk      conftest.cpp
... >&5
3750 configure:18964: $? = 0
3751 configure:18964: result: yes
3752 configure:18964: checking for setlocale
3753 configure:18964: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk      conftest.cpp
... >&5
3754 configure:18964: $? = 0
3755 configure:18964: result: yes
3756 configure:18964: checking for socket
3757 configure:18964: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk      conftest.cpp
... >&5
3758 configure:18964: $? = 0
```

```
3759 configure:18964: result: yes
3760 configure:18964: checking for sqrt
3761 configure:18964: g++ -o confctest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp
... >&5
3762 configure:18964: $? = 0
3763 configure:18964: result: yes
3764 configure:18964: checking for strcasecmp
3765 configure:18964: g++ -o confctest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp
... >&5
3766 configure:18964: $? = 0
3767 configure:18964: result: yes
3768 configure:18964: checking for strchr
3769 configure:18964: g++ -o confctest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp
... >&5
3770 configure:18964: $? = 0
3771 configure:18964: result: yes
3772 configure:18964: checking for strdup
3773 configure:18964: g++ -o confctest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp
... >&5
3774 configure:18964: $? = 0
3775 configure:18964: result: yes
3776 configure:18964: checking for strncasecmp
3777 configure:18964: g++ -o confctest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp
... >&5
3778 configure:18964: $? = 0
3779 configure:18964: result: yes
3780 configure:18964: checking for strndup
3781 configure:18964: g++ -o confctest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp
... >&5
3782 configure:18964: $? = 0
3783 configure:18964: result: yes
3784 configure:18964: checking for strerror
3785 configure:18964: g++ -o confctest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp
... >&5
```

```
3786 configure:18964: $? = 0
3787 configure:18964: result: yes
3788 configure:18964: checking for strrchr
3789 configure:18964: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp
... >&5
3790 configure:18964: $? = 0
3791 configure:18964: result: yes
3792 configure:18964: checking for strstr
3793 configure:18964: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp
... >&5
3794 configure:18964: $? = 0
3795 configure:18964: result: yes
3796 configure:18964: checking for strtol
3797 configure:18964: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp
... >&5
3798 configure:18964: $? = 0
3799 configure:18964: result: yes
3800 configure:18964: checking for uname
3801 configure:18964: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp
... >&5
3802 configure:18964: $? = 0
3803 configure:18964: result: yes
3804 configure:18976: checking for tparm in -ltinfo
3805 configure:19001: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp
... -ltinfo >&5
3806 ld: library not found for -ltinfo
3807 clang: error: linker command failed with exit code 1 (use -v
... to see invocation)
3808 configure:19001: $? = 1
3809 configure: failed program was:
3810 | /* confdefs.h */
3811 | #define PACKAGE_NAME "GNU APL"
3812 | #define PACKAGE_TARNAME "apl"
3813 | #define PACKAGE_VERSION "1.8"
3814 | #define PACKAGE_STRING "GNU APL 1.8"
3815 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
```

```
3816 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
3817 | #define STDC_HEADERS 1
3818 | #define HAVE_SYS_TYPES_H 1
3819 | #define HAVE_SYS_STAT_H 1
3820 | #define HAVE_STDLIB_H 1
3821 | #define HAVE_STRING_H 1
3822 | #define HAVE_MEMORY_H 1
3823 | #define HAVE_STRINGS_H 1
3824 | #define HAVE_INTTYPES_H 1
3825 | #define HAVE_STDINT_H 1
3826 | #define HAVE_UNISTD_H 1
3827 | #define __EXTENSIONS__ 1
3828 | #define _ALL_SOURCE 1
3829 | #define _GNU_SOURCE 1
3830 | #define _POSIX_PTHREAD_SEMANTICS 1
3831 | #define _TANDEM_SOURCE 1
3832 | #define PACKAGE "apl"
3833 | #define VERSION "1.8"
3834 | #define HAVE_DLFCN_H 1
3835 | #define LT_OBJDIR ".libs/"
3836 | #define HAVE_NCURSES_H 1
3837 | #define HAVE_TERM_H 1
3838 | #define HAVE_DIRENT_H 1
3839 | #define HAVE_EXECINFO_H 1
3840 | #define HAVE_FCNTL_H 1
3841 | #define HAVE_FENV_H 1
3842 | #define HAVE_INTTYPES_H 1
3843 | #define HAVE_LIMITS_H 1
3844 | #define HAVE_NETDB_H 1
3845 | #define HAVE_PNG_H 1
3846 | #define HAVE_STDINT_H 1
3847 | #define HAVE_STDLIB_H 1
3848 | #define HAVE_STRING_H 1
3849 | #define HAVE_STRINGS_H 1
3850 | #define HAVE_TERMIOS_H 1
3851 | #define HAVE_UNISTD_H 1
3852 | #define HAVE_UTMPX_H 1
3853 | #define HAVE_ZLIB_H 1
3854 | #define HAVE_NETINET_IN_H 1
3855 | #define HAVE_SYS_IOCTL_H 1
3856 | #define HAVE_SYS_SOCKET_H 1
```

```
3857 | #define HAVE_SYS_TIME_H 1
3858 | #define HAVE_SYS_UN_H 1
3859 | #define CONFIGURE_ARGS "./configure "
3860 | #define HAVE_FORK 1
3861 | #define HAVE_VFORK 1
3862 | #define HAVE_WORKING_VFORK 1
3863 | #define HAVE_WORKING_FORK 1
3864 | #define HAVE_STDLIB_H 1
3865 | #define HAVE_MALLOC 1
3866 | #define TIME_WITH_SYS_TIME 1
3867 | #define HAVE_SYS_TIME_H 1
3868 | #define HAVE_UNISTD_H 1
3869 | #define HAVE_STDLIB_H 1
3870 | #define HAVE_SYS_PARAM_H 1
3871 | #define HAVE_ALARM 1
3872 | #define HAVE_GETPAGESIZE 1
3873 | #define HAVE_MMAP 1
3874 | #define HAVE_DUP2 1
3875 | #define HAVE_FLOOR 1
3876 | #define HAVE_GETCWD 1
3877 | #define HAVE_GETHOSTBYNAME 1
3878 | #define HAVE_GETTIMEOFDAY 1
3879 | #define HAVE_MEMSET 1
3880 | #define HAVE_MKDIR 1
3881 | #define HAVE_MODF 1
3882 | #define HAVE_MUNMAP 1
3883 | #define HAVE_POW 1
3884 | #define HAVE_REALPATH 1
3885 | #define HAVE_RINT 1
3886 | #define HAVE_RMDIR 1
3887 | #define HAVE_SELECT 1
3888 | #define HAVE_SETENV 1
3889 | #define HAVE_SETLOCALE 1
3890 | #define HAVE_SOCKET 1
3891 | #define HAVE_SQRT 1
3892 | #define HAVE_STRCASECMP 1
3893 | #define HAVE_STRCHR 1
3894 | #define HAVE_STRDUP 1
3895 | #define HAVE_STRNCASECMP 1
3896 | #define HAVE_STRNDUP 1
3897 | #define HAVE_STRERROR 1
```

```
3898 | #define HAVE_STRCHR 1
3899 | #define HAVE_STRSTR 1
3900 | #define HAVE_STRTOL 1
3901 | #define HAVE_UNAME 1
3902 | /* end confdefs.h. */
3903 |
3904 | /* Override any GCC internal prototype to avoid an error.
3905 |    Use char because int might match the return type of a GCC
3906 |    builtin and then its argument prototype would still
... apply. */
3907 | #ifdef __cplusplus
3908 | extern "C"
3909 | #endif
3910 | char tparm ();
3911 | int
3912 | main ()
3913 | {
3914 | return tparm ();
3915 | ;
3916 | return 0;
3917 | }
3918 configure:19010: result: no
3919 configure:19021: checking for socket in -lsocket
3920 configure:19046: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp
... -lsocket >&5
3921 ld: library not found for -lsocket
3922 clang: error: linker command failed with exit code 1 (use -v
... to see invocation)
3923 configure:19046: $? = 1
3924 configure: failed program was:
3925 | /* confdefs.h */
3926 | #define PACKAGE_NAME "GNU APL"
3927 | #define PACKAGE_TARNAME "apl"
3928 | #define PACKAGE_VERSION "1.8"
3929 | #define PACKAGE_STRING "GNU APL 1.8"
3930 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
3931 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
3932 | #define STDC_HEADERS 1
3933 | #define HAVE_SYS_TYPES_H 1
3934 | #define HAVE_SYS_STAT_H 1
```



```
3935 | #define HAVE_STDLIB_H 1
3936 | #define HAVE_STRING_H 1
3937 | #define HAVE_MEMORY_H 1
3938 | #define HAVE_STRINGS_H 1
3939 | #define HAVE_INTTYPES_H 1
3940 | #define HAVE_STDINT_H 1
3941 | #define HAVE_UNISTD_H 1
3942 | #define __EXTENSIONS__ 1
3943 | #define _ALL_SOURCE 1
3944 | #define _GNU_SOURCE 1
3945 | #define _POSIX_PTHREAD_SEMANTICS 1
3946 | #define _TANDEM_SOURCE 1
3947 | #define PACKAGE "apl"
3948 | #define VERSION "1.8"
3949 | #define HAVE_DLFCN_H 1
3950 | #define LT_OBJDIR ".libs/"
3951 | #define HAVE_NCURSES_H 1
3952 | #define HAVE_TERM_H 1
3953 | #define HAVE_DIRENT_H 1
3954 | #define HAVE_EXECINFO_H 1
3955 | #define HAVE_FCNTL_H 1
3956 | #define HAVE_FENV_H 1
3957 | #define HAVE_INTTYPES_H 1
3958 | #define HAVE_LIMITS_H 1
3959 | #define HAVE_NETDB_H 1
3960 | #define HAVE_PNG_H 1
3961 | #define HAVE_STDINT_H 1
3962 | #define HAVE_STDLIB_H 1
3963 | #define HAVE_STRING_H 1
3964 | #define HAVE_STRINGS_H 1
3965 | #define HAVE_TERMIOS_H 1
3966 | #define HAVE_UNISTD_H 1
3967 | #define HAVE_UTMPX_H 1
3968 | #define HAVE_ZLIB_H 1
3969 | #define HAVE_NETINET_IN_H 1
3970 | #define HAVE_SYS_IOCTL_H 1
3971 | #define HAVE_SYS_SOCKET_H 1
3972 | #define HAVE_SYS_TIME_H 1
3973 | #define HAVE_SYS_UN_H 1
3974 | #define CONFIGURE_ARGS "./configure "
3975 | #define HAVE_FORK 1
```

```
3976 | #define HAVE_VFORK 1
3977 | #define HAVE_WORKING_VFORK 1
3978 | #define HAVE_WORKING_FORK 1
3979 | #define HAVE_STDLIB_H 1
3980 | #define HAVE_MALLOC 1
3981 | #define TIME_WITH_SYS_TIME 1
3982 | #define HAVE_SYS_TIME_H 1
3983 | #define HAVE_UNISTD_H 1
3984 | #define HAVE_STDLIB_H 1
3985 | #define HAVE_SYS_PARAM_H 1
3986 | #define HAVE_ALARM 1
3987 | #define HAVE_GETPAGESIZE 1
3988 | #define HAVE_MMAP 1
3989 | #define HAVE_DUP2 1
3990 | #define HAVE_FLOOR 1
3991 | #define HAVE_GETCWD 1
3992 | #define HAVE_GETHOSTBYNAME 1
3993 | #define HAVE_GETTIMEOFDAY 1
3994 | #define HAVE_MEMSET 1
3995 | #define HAVE_MKDIR 1
3996 | #define HAVE_MODF 1
3997 | #define HAVE_MUNMAP 1
3998 | #define HAVE_POW 1
3999 | #define HAVE_REALPATH 1
4000 | #define HAVE_RINT 1
4001 | #define HAVE_RMDIR 1
4002 | #define HAVE_SELECT 1
4003 | #define HAVE_SETENV 1
4004 | #define HAVE_SETLOCALE 1
4005 | #define HAVE_SOCKET 1
4006 | #define HAVE_SQRT 1
4007 | #define HAVE_STRCASECMP 1
4008 | #define HAVE_STRCHR 1
4009 | #define HAVE_STRDUP 1
4010 | #define HAVE_STRNCASECMP 1
4011 | #define HAVE_STRNDUP 1
4012 | #define HAVE_STRERROR 1
4013 | #define HAVE_STRRCHR 1
4014 | #define HAVE_STRSTR 1
4015 | #define HAVE_STRTOL 1
4016 | #define HAVE_UNAME 1
```

```
4017 | /* end confdefs.h. */
4018 |
4019 | /* Override any GCC internal prototype to avoid an error.
4020 |    Use char because int might match the return type of a GCC
4021 |    builtin and then its argument prototype would still
... apply. */
4022 | #ifdef __cplusplus
4023 | extern "C"
4024 | #endif
4025 | char socket ();
4026 | int
4027 | main ()
4028 | {
4029 |     return socket ();
4030 |     ;
4031 |     return 0;
4032 | }
4033 configure:19055: result: no
4034 configure:19066: checking for sem_init in -lpthread
4035 configure:19091: g++ -o confctest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk    confctest.cpp
... -lpthread >&5
4036 configure:19091: $? = 0
4037 configure:19100: result: yes
4038 configure:19111: checking for yp_all in -lnsl
4039 configure:19136: g++ -o confctest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk    confctest.cpp
... -lnsl -lpthread >&5
4040 ld: library not found for -lnsl
4041 clang: error: linker command failed with exit code 1 (use -v
... to see invocation)
4042 configure:19136: $? = 1
4043 configure: failed program was:
4044 | /* confdefs.h */
4045 | #define PACKAGE_NAME "GNU APL"
4046 | #define PACKAGE_TARNAME "apl"
4047 | #define PACKAGE_VERSION "1.8"
4048 | #define PACKAGE_STRING "GNU APL 1.8"
4049 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
4050 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
4051 | #define STDC_HEADERS 1
```

```
4052 | #define HAVE_SYS_TYPES_H 1
4053 | #define HAVE_SYS_STAT_H 1
4054 | #define HAVE_STDLIB_H 1
4055 | #define HAVE_STRING_H 1
4056 | #define HAVE_MEMORY_H 1
4057 | #define HAVE_STRINGS_H 1
4058 | #define HAVE_INTTYPES_H 1
4059 | #define HAVE_STDINT_H 1
4060 | #define HAVE_UNISTD_H 1
4061 | #define __EXTENSIONS__ 1
4062 | #define _ALL_SOURCE 1
4063 | #define _GNU_SOURCE 1
4064 | #define _POSIX_PTHREAD_SEMANTICS 1
4065 | #define _TANDEM_SOURCE 1
4066 | #define PACKAGE "apl"
4067 | #define VERSION "1.8"
4068 | #define HAVE_DLFCN_H 1
4069 | #define LT_OBJDIR ".libs/"
4070 | #define HAVE_NCURSES_H 1
4071 | #define HAVE_TERM_H 1
4072 | #define HAVE_DIRENT_H 1
4073 | #define HAVE_EXECINFO_H 1
4074 | #define HAVE_FCNTL_H 1
4075 | #define HAVE_FENV_H 1
4076 | #define HAVE_INTTYPES_H 1
4077 | #define HAVE_LIMITS_H 1
4078 | #define HAVE_NETDB_H 1
4079 | #define HAVE_PNG_H 1
4080 | #define HAVE_STDINT_H 1
4081 | #define HAVE_STDLIB_H 1
4082 | #define HAVE_STRING_H 1
4083 | #define HAVE_STRINGS_H 1
4084 | #define HAVE_TERMIOS_H 1
4085 | #define HAVE_UNISTD_H 1
4086 | #define HAVE_UTMPX_H 1
4087 | #define HAVE_ZLIB_H 1
4088 | #define HAVE_NETINET_IN_H 1
4089 | #define HAVE_SYS_IOCTL_H 1
4090 | #define HAVE_SYS_SOCKET_H 1
4091 | #define HAVE_SYS_TIME_H 1
4092 | #define HAVE_SYS_UN_H 1
```

```
4093 | #define CONFIGURE_ARGS "./configure "  
4094 | #define HAVE_FORK 1  
4095 | #define HAVE_VFORK 1  
4096 | #define HAVE_WORKING_VFORK 1  
4097 | #define HAVE_WORKING_FORK 1  
4098 | #define HAVE_STDLIB_H 1  
4099 | #define HAVE_MALLOC 1  
4100 | #define TIME_WITH_SYS_TIME 1  
4101 | #define HAVE_SYS_TIME_H 1  
4102 | #define HAVE_UNISTD_H 1  
4103 | #define HAVE_STDLIB_H 1  
4104 | #define HAVE_SYS_PARAM_H 1  
4105 | #define HAVE_ALARM 1  
4106 | #define HAVE_GETPAGESIZE 1  
4107 | #define HAVE_MMAP 1  
4108 | #define HAVE_DUP2 1  
4109 | #define HAVE_FLOOR 1  
4110 | #define HAVE_GETCWD 1  
4111 | #define HAVE_GETHOSTBYNAME 1  
4112 | #define HAVE_GETTIMEOFDAY 1  
4113 | #define HAVE_MEMSET 1  
4114 | #define HAVE_MKDIR 1  
4115 | #define HAVE_MODF 1  
4116 | #define HAVE_MUNMAP 1  
4117 | #define HAVE_POW 1  
4118 | #define HAVE_REALPATH 1  
4119 | #define HAVE_RINT 1  
4120 | #define HAVE_RMDIR 1  
4121 | #define HAVE_SELECT 1  
4122 | #define HAVE_SETENV 1  
4123 | #define HAVE_SETLOCALE 1  
4124 | #define HAVE_SOCKET 1  
4125 | #define HAVE_SQRT 1  
4126 | #define HAVE_STRCASECMP 1  
4127 | #define HAVE_STRCHR 1  
4128 | #define HAVE_STRDUP 1  
4129 | #define HAVE_STRNCASECMP 1  
4130 | #define HAVE_STRNDUP 1  
4131 | #define HAVE_STRERROR 1  
4132 | #define HAVE_STRRCHR 1  
4133 | #define HAVE_STRSTR 1
```

```
4134 | #define HAVE_STRTOL 1
4135 | #define HAVE_UNAME 1
4136 | #define HAVE_LIBPTHREAD 1
4137 | /* end confdefs.h. */
4138 |
4139 | /* Override any GCC internal prototype to avoid an error.
4140 |    Use char because int might match the return type of a GCC
4141 |    builtin and then its argument prototype would still
... apply. */
4142 | #ifdef __cplusplus
4143 | extern "C"
4144 | #endif
4145 | char yp_all ();
4146 | int
4147 | main ()
4148 | {
4149 | return yp_all ();
4150 | ;
4151 | return 0;
4152 | }
4153 configure:19145: result: no
4154 configure:19156: checking for setupterm in -lcurses
4155 configure:19181: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp
... -lcurses -lpthread >&5
4156 configure:19181: $? = 0
4157 configure:19190: result: yes
4158 configure:19201: checking for setupterm in -lcurses
4159 configure:19226: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp
... -lcurses -lcurses -lpthread >&5
4160 configure:19226: $? = 0
4161 configure:19235: result: yes
4162 configure:19246: checking for acos in -lm
4163 configure:19271: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp -lm
... -lcurses -lcurses -lpthread >&5
4164 configure:19271: $? = 0
4165 configure:19280: result: yes
4166 configure:19291: checking for backtrace in -lexecinfo
4167 configure:19316: g++ -o conftest -g -O2 -I
```

```
4167... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confptest.cpp
... -lexecinfo -lm -lncurses -lcurses -lpthread >&5
4168 ld: library not found for -lexecinfo
4169 clang: error: linker command failed with exit code 1 (use -v
... to see invocation)
4170 configure:19316: $? = 1
4171 configure: failed program was:
4172 | /* confdefs.h */
4173 | #define PACKAGE_NAME "GNU APL"
4174 | #define PACKAGE_TARNAME "apl"
4175 | #define PACKAGE_VERSION "1.8"
4176 | #define PACKAGE_STRING "GNU APL 1.8"
4177 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
4178 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
4179 | #define STDC_HEADERS 1
4180 | #define HAVE_SYS_TYPES_H 1
4181 | #define HAVE_SYS_STAT_H 1
4182 | #define HAVE_STDLIB_H 1
4183 | #define HAVE_STRING_H 1
4184 | #define HAVE_MEMORY_H 1
4185 | #define HAVE_STRINGS_H 1
4186 | #define HAVE_INTTYPES_H 1
4187 | #define HAVE_STDINT_H 1
4188 | #define HAVE_UNISTD_H 1
4189 | #define __EXTENSIONS__ 1
4190 | #define _ALL_SOURCE 1
4191 | #define _GNU_SOURCE 1
4192 | #define _POSIX_PTHREAD_SEMANTICS 1
4193 | #define _TANDEM_SOURCE 1
4194 | #define PACKAGE "apl"
4195 | #define VERSION "1.8"
4196 | #define HAVE_DLFCN_H 1
4197 | #define LT_OBJDIR ".libs/"
4198 | #define HAVE_NCURSES_H 1
4199 | #define HAVE_TERM_H 1
4200 | #define HAVE_DIRENT_H 1
4201 | #define HAVE_EXECINFO_H 1
4202 | #define HAVE_FCNTL_H 1
4203 | #define HAVE_FENV_H 1
4204 | #define HAVE_INTTYPES_H 1
4205 | #define HAVE_LIMITS_H 1
```

```
4206 | #define HAVE_NETDB_H 1
4207 | #define HAVE_PNG_H 1
4208 | #define HAVE_STDINT_H 1
4209 | #define HAVE_STDLIB_H 1
4210 | #define HAVE_STRING_H 1
4211 | #define HAVE_STRINGS_H 1
4212 | #define HAVE_TERMIOS_H 1
4213 | #define HAVE_UNISTD_H 1
4214 | #define HAVE_UTMPX_H 1
4215 | #define HAVE_ZLIB_H 1
4216 | #define HAVE_NETINET_IN_H 1
4217 | #define HAVE_SYS_IOCTL_H 1
4218 | #define HAVE_SYS_SOCKET_H 1
4219 | #define HAVE_SYS_TIME_H 1
4220 | #define HAVE_SYS_UN_H 1
4221 | #define CONFIGURE_ARGS "./configure "
4222 | #define HAVE_FORK 1
4223 | #define HAVE_VFORK 1
4224 | #define HAVE_WORKING_VFORK 1
4225 | #define HAVE_WORKING_FORK 1
4226 | #define HAVE_STDLIB_H 1
4227 | #define HAVE_MALLOC 1
4228 | #define TIME_WITH_SYS_TIME 1
4229 | #define HAVE_SYS_TIME_H 1
4230 | #define HAVE_UNISTD_H 1
4231 | #define HAVE_STDLIB_H 1
4232 | #define HAVE_SYS_PARAM_H 1
4233 | #define HAVE_ALARM 1
4234 | #define HAVE_GETPAGESIZE 1
4235 | #define HAVE_MMAP 1
4236 | #define HAVE_DUP2 1
4237 | #define HAVE_FLOOR 1
4238 | #define HAVE_GETCWD 1
4239 | #define HAVE_GETHOSTBYNAME 1
4240 | #define HAVE_GETTIMEOFDAY 1
4241 | #define HAVE_MEMSET 1
4242 | #define HAVE_MKDIR 1
4243 | #define HAVE_MODF 1
4244 | #define HAVE_MUNMAP 1
4245 | #define HAVE_POW 1
4246 | #define HAVE_REALPATH 1
```



```
4247 | #define HAVE_RINT 1
4248 | #define HAVE_RMDIR 1
4249 | #define HAVE_SELECT 1
4250 | #define HAVE_SETENV 1
4251 | #define HAVE_SETLOCALE 1
4252 | #define HAVE_SOCKET 1
4253 | #define HAVE_SQRT 1
4254 | #define HAVE_STRCASECMP 1
4255 | #define HAVE_STRCHR 1
4256 | #define HAVE_STRDUP 1
4257 | #define HAVE_STRNCASECMP 1
4258 | #define HAVE_STRNDUP 1
4259 | #define HAVE_STRERROR 1
4260 | #define HAVE_STRRCHR 1
4261 | #define HAVE_STRSTR 1
4262 | #define HAVE_STRTOL 1
4263 | #define HAVE_UNAME 1
4264 | #define HAVE_LIBPTHREAD 1
4265 | #define HAVE_LIBCURSES 1
4266 | #define HAVE_LIBNCURSES 1
4267 | #define HAVE_LIBM 1
4268 | /* end confdefs.h. */
4269 |
4270 | /* Override any GCC internal prototype to avoid an error.
4271 |    Use char because int might match the return type of a GCC
4272 |    builtin and then its argument prototype would still
... apply. */
4273 | #ifdef __cplusplus
4274 | extern "C"
4275 | #endif
4276 | char backtrace ();
4277 | int
4278 | main ()
4279 | {
4280 | return backtrace ();
4281 | ;
4282 | return 0;
4283 | }
4284 configure:19325: result: no
4285 configure:19336: checking for dlopen in -ldl
4286 configure:19370: result: yes
```

```
4287 configure:19381: checking for initstate_r in -lc
4288 configure:19406: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp -lc
... -ldl -lm -lncurses -lcurses -lpthread >&5
4289 Undefined symbols for architecture x86_64:
4290   "_initstate_r", referenced from:
4291     _main in conftest-43c791.o
4292 ld: symbol(s) not found for architecture x86_64
4293 clang: error: linker command failed with exit code 1 (use -v
... to see invocation)
4294 configure:19406: $? = 1
4295 configure: failed program was:
4296 | /* confdefs.h */
4297 | #define PACKAGE_NAME "GNU APL"
4298 | #define PACKAGE_TARNAME "apl"
4299 | #define PACKAGE_VERSION "1.8"
4300 | #define PACKAGE_STRING "GNU APL 1.8"
4301 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
4302 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
4303 | #define STDC_HEADERS 1
4304 | #define HAVE_SYS_TYPES_H 1
4305 | #define HAVE_SYS_STAT_H 1
4306 | #define HAVE_STDLIB_H 1
4307 | #define HAVE_STRING_H 1
4308 | #define HAVE_MEMORY_H 1
4309 | #define HAVE_STRINGS_H 1
4310 | #define HAVE_INTTYPES_H 1
4311 | #define HAVE_STDINT_H 1
4312 | #define HAVE_UNISTD_H 1
4313 | #define __EXTENSIONS__ 1
4314 | #define _ALL_SOURCE 1
4315 | #define _GNU_SOURCE 1
4316 | #define _POSIX_PTHREAD_SEMANTICS 1
4317 | #define _TANDEM_SOURCE 1
4318 | #define PACKAGE "apl"
4319 | #define VERSION "1.8"
4320 | #define HAVE_DLFCN_H 1
4321 | #define LT_OBJDIR ".libs/"
4322 | #define HAVE_NCURSES_H 1
4323 | #define HAVE_TERM_H 1
4324 | #define HAVE_DIRENT_H 1
```

```
4325 | #define HAVE_EXECINFO_H 1
4326 | #define HAVE_FCNTL_H 1
4327 | #define HAVE_FENV_H 1
4328 | #define HAVE_INTTYPES_H 1
4329 | #define HAVE_LIMITS_H 1
4330 | #define HAVE_NETDB_H 1
4331 | #define HAVE_PNG_H 1
4332 | #define HAVE_STDINT_H 1
4333 | #define HAVE_STDLIB_H 1
4334 | #define HAVE_STRING_H 1
4335 | #define HAVE_STRINGS_H 1
4336 | #define HAVE_TERMIOS_H 1
4337 | #define HAVE_UNISTD_H 1
4338 | #define HAVE_UTMPX_H 1
4339 | #define HAVE_ZLIB_H 1
4340 | #define HAVE_NETINET_IN_H 1
4341 | #define HAVE_SYS_IOCTL_H 1
4342 | #define HAVE_SYS_SOCKET_H 1
4343 | #define HAVE_SYS_TIME_H 1
4344 | #define HAVE_SYS_UN_H 1
4345 | #define CONFIGURE_ARGS "./configure "
4346 | #define HAVE_FORK 1
4347 | #define HAVE_VFORK 1
4348 | #define HAVE_WORKING_VFORK 1
4349 | #define HAVE_WORKING_FORK 1
4350 | #define HAVE_STDLIB_H 1
4351 | #define HAVE_MALLOC 1
4352 | #define TIME_WITH_SYS_TIME 1
4353 | #define HAVE_SYS_TIME_H 1
4354 | #define HAVE_UNISTD_H 1
4355 | #define HAVE_STDLIB_H 1
4356 | #define HAVE_SYS_PARAM_H 1
4357 | #define HAVE_ALARM 1
4358 | #define HAVE_GETPAGESIZE 1
4359 | #define HAVE_MMAP 1
4360 | #define HAVE_DUP2 1
4361 | #define HAVE_FLOOR 1
4362 | #define HAVE_GETCWD 1
4363 | #define HAVE_GETHOSTBYNAME 1
4364 | #define HAVE_GETTIMEOFDAY 1
4365 | #define HAVE_MEMSET 1
```

```
4366 | #define HAVE_MKDIR 1
4367 | #define HAVE_MODF 1
4368 | #define HAVE_MUNMAP 1
4369 | #define HAVE_POW 1
4370 | #define HAVE_REALPATH 1
4371 | #define HAVE_RINT 1
4372 | #define HAVE_RMDIR 1
4373 | #define HAVE_SELECT 1
4374 | #define HAVE_SETENV 1
4375 | #define HAVE_SETLOCALE 1
4376 | #define HAVE_SOCKET 1
4377 | #define HAVE_SQRT 1
4378 | #define HAVE_STRCASECMP 1
4379 | #define HAVE_STRCHR 1
4380 | #define HAVE_STRDUP 1
4381 | #define HAVE_STRNCASECMP 1
4382 | #define HAVE_STRNDUP 1
4383 | #define HAVE_STRERROR 1
4384 | #define HAVE_STRRCHR 1
4385 | #define HAVE_STRSTR 1
4386 | #define HAVE_STRTOL 1
4387 | #define HAVE_UNAME 1
4388 | #define HAVE_LIBPTHREAD 1
4389 | #define HAVE_LIBCURSES 1
4390 | #define HAVE_LIBNCURSES 1
4391 | #define HAVE_LIBM 1
4392 | #define HAVE_LIBDL 1
4393 | /* end confdefs.h. */
4394 |
4395 | /* Override any GCC internal prototype to avoid an error.
4396 |    Use char because int might match the return type of a GCC
4397 |    builtin and then its argument prototype would still
... apply. */
4398 | #ifdef __cplusplus
4399 | extern "C"
4400 | #endif
4401 | char initstate_r ();
4402 | int
4403 | main ()
4404 | {
4405 | return initstate_r ();
```

```
4406 | ;
4407 | return 0;
4408 | }
4409 configure:19415: result: no
4410 configure:19426: checking for __atomic_fetch_add_4 in
... -latomicity
4411 configure:19451: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp
... -latomicity -ldl -lm -lncurses -lcurses -lpthread >&5
4412 ld: library not found for -latomicity
4413 clang: error: linker command failed with exit code 1 (use -v
... to see invocation)
4414 configure:19451: $? = 1
4415 configure: failed program was:
4416 | /* confdefs.h */
4417 | #define PACKAGE_NAME "GNU APL"
4418 | #define PACKAGE_TARNAME "apl"
4419 | #define PACKAGE_VERSION "1.8"
4420 | #define PACKAGE_STRING "GNU APL 1.8"
4421 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
4422 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
4423 | #define STDC_HEADERS 1
4424 | #define HAVE_SYS_TYPES_H 1
4425 | #define HAVE_SYS_STAT_H 1
4426 | #define HAVE_STDLIB_H 1
4427 | #define HAVE_STRING_H 1
4428 | #define HAVE_MEMORY_H 1
4429 | #define HAVE_STRINGS_H 1
4430 | #define HAVE_INTTYPES_H 1
4431 | #define HAVE_STDINT_H 1
4432 | #define HAVE_UNISTD_H 1
4433 | #define __EXTENSIONS__ 1
4434 | #define _ALL_SOURCE 1
4435 | #define _GNU_SOURCE 1
4436 | #define _POSIX_PTHREAD_SEMANTICS 1
4437 | #define _TANDEM_SOURCE 1
4438 | #define PACKAGE "apl"
4439 | #define VERSION "1.8"
4440 | #define HAVE_DLFCN_H 1
4441 | #define LT_OBJDIR ".libs/"
4442 | #define HAVE_NCURSES_H 1
```

```
4443 | #define HAVE_TERM_H 1
4444 | #define HAVE_DIRENT_H 1
4445 | #define HAVE_EXECINFO_H 1
4446 | #define HAVE_FCNTL_H 1
4447 | #define HAVE_FENV_H 1
4448 | #define HAVE_INTTYPES_H 1
4449 | #define HAVE_LIMITS_H 1
4450 | #define HAVE_NETDB_H 1
4451 | #define HAVE_PNG_H 1
4452 | #define HAVE_STDINT_H 1
4453 | #define HAVE_STDLIB_H 1
4454 | #define HAVE_STRING_H 1
4455 | #define HAVE_STRINGS_H 1
4456 | #define HAVE_TERMIOS_H 1
4457 | #define HAVE_UNISTD_H 1
4458 | #define HAVE_UTMPX_H 1
4459 | #define HAVE_ZLIB_H 1
4460 | #define HAVE_NETINET_IN_H 1
4461 | #define HAVE_SYS_IOCTL_H 1
4462 | #define HAVE_SYS_SOCKET_H 1
4463 | #define HAVE_SYS_TIME_H 1
4464 | #define HAVE_SYS_UN_H 1
4465 | #define CONFIGURE_ARGS "./configure "
4466 | #define HAVE_FORK 1
4467 | #define HAVE_VFORK 1
4468 | #define HAVE_WORKING_VFORK 1
4469 | #define HAVE_WORKING_FORK 1
4470 | #define HAVE_STDLIB_H 1
4471 | #define HAVE_MALLOC 1
4472 | #define TIME_WITH_SYS_TIME 1
4473 | #define HAVE_SYS_TIME_H 1
4474 | #define HAVE_UNISTD_H 1
4475 | #define HAVE_STDLIB_H 1
4476 | #define HAVE_SYS_PARAM_H 1
4477 | #define HAVE_ALARM 1
4478 | #define HAVE_GETPAGESIZE 1
4479 | #define HAVE_MMAP 1
4480 | #define HAVE_DUP2 1
4481 | #define HAVE_FLOOR 1
4482 | #define HAVE_GETCWD 1
4483 | #define HAVE_GETHOSTBYNAME 1
```

```
4484 | #define HAVE_GETTIMEOFDAY 1
4485 | #define HAVE_MEMSET 1
4486 | #define HAVE_MKDIR 1
4487 | #define HAVE_MODF 1
4488 | #define HAVE_MUNMAP 1
4489 | #define HAVE_POW 1
4490 | #define HAVE_REALPATH 1
4491 | #define HAVE_RINT 1
4492 | #define HAVE_RMDIR 1
4493 | #define HAVE_SELECT 1
4494 | #define HAVE_SETENV 1
4495 | #define HAVE_SETLOCALE 1
4496 | #define HAVE_SOCKET 1
4497 | #define HAVE_SQRT 1
4498 | #define HAVE_STRCASECMP 1
4499 | #define HAVE_STRCHR 1
4500 | #define HAVE_STRDUP 1
4501 | #define HAVE_STRNCASECMP 1
4502 | #define HAVE_STRNDUP 1
4503 | #define HAVE_STRERROR 1
4504 | #define HAVE_STRRCHR 1
4505 | #define HAVE_STRSTR 1
4506 | #define HAVE_STRTOL 1
4507 | #define HAVE_UNAME 1
4508 | #define HAVE_LIBPTHREAD 1
4509 | #define HAVE_LIBCURSES 1
4510 | #define HAVE_LIBNCURSES 1
4511 | #define HAVE_LIBM 1
4512 | #define HAVE_LIBDL 1
4513 | /* end confdefs.h. */
4514 |
4515 | /* Override any GCC internal prototype to avoid an error.
4516 |    Use char because int might match the return type of a GCC
4517 |    builtin and then its argument prototype would still
... apply. */
4518 | #ifdef __cplusplus
4519 | extern "C"
4520 | #endif
4521 | char __atomic_fetch_add_4 ();
4522 | int
4523 | main ()
```

```
4524 | {
4525 | return __atomic_fetch_add_4 ();
4526 | ;
4527 | return 0;
4528 | }
4529 configure:19460: result: no
4530 configure:19472: checking for struct stat.st_blocks
4531 configure:19472: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp >&5
4532 configure:19472: $? = 0
4533 configure:19472: result: yes
4534 configure:19492: checking for X
4535 configure:19600: g++ -E conftest.cpp
4536 conftest.cpp:101:10: fatal error: 'X11/Xlib.h' file not found
4537 #include <X11/Xlib.h>
4538      ^~~~~~
4539 1 error generated.
4540 configure:19600: $? = 1
4541 configure: failed program was:
4542 | /* confdefs.h */
4543 | #define PACKAGE_NAME "GNU APL"
4544 | #define PACKAGE_TARNAME "apl"
4545 | #define PACKAGE_VERSION "1.8"
4546 | #define PACKAGE_STRING "GNU APL 1.8"
4547 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
4548 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
4549 | #define STDC_HEADERS 1
4550 | #define HAVE_SYS_TYPES_H 1
4551 | #define HAVE_SYS_STAT_H 1
4552 | #define HAVE_STDLIB_H 1
4553 | #define HAVE_STRING_H 1
4554 | #define HAVE_MEMORY_H 1
4555 | #define HAVE_STRINGS_H 1
4556 | #define HAVE_INTTYPES_H 1
4557 | #define HAVE_STDINT_H 1
4558 | #define HAVE_UNISTD_H 1
4559 | #define __EXTENSIONS__ 1
4560 | #define _ALL_SOURCE 1
4561 | #define _GNU_SOURCE 1
4562 | #define _POSIX_PTHREAD_SEMANTICS 1
4563 | #define _TANDEM_SOURCE 1
```



```
4564 | #define PACKAGE "apl"
4565 | #define VERSION "1.8"
4566 | #define HAVE_DLFCN_H 1
4567 | #define LT_OBJDIR ".libs/"
4568 | #define HAVE_NCURSES_H 1
4569 | #define HAVE_TERM_H 1
4570 | #define HAVE_DIRENT_H 1
4571 | #define HAVE_EXECINFO_H 1
4572 | #define HAVE_FCNTL_H 1
4573 | #define HAVE_FENV_H 1
4574 | #define HAVE_INTTYPES_H 1
4575 | #define HAVE_LIMITS_H 1
4576 | #define HAVE_NETDB_H 1
4577 | #define HAVE_PNG_H 1
4578 | #define HAVE_STDINT_H 1
4579 | #define HAVE_STDLIB_H 1
4580 | #define HAVE_STRING_H 1
4581 | #define HAVE_STRINGS_H 1
4582 | #define HAVE_TERMIOS_H 1
4583 | #define HAVE_UNISTD_H 1
4584 | #define HAVE_UTMPX_H 1
4585 | #define HAVE_ZLIB_H 1
4586 | #define HAVE_NETINET_IN_H 1
4587 | #define HAVE_SYS_IOCTL_H 1
4588 | #define HAVE_SYS_SOCKET_H 1
4589 | #define HAVE_SYS_TIME_H 1
4590 | #define HAVE_SYS_UN_H 1
4591 | #define CONFIGURE_ARGS "./configure "
4592 | #define HAVE_FORK 1
4593 | #define HAVE_VFORK 1
4594 | #define HAVE_WORKING_VFORK 1
4595 | #define HAVE_WORKING_FORK 1
4596 | #define HAVE_STDLIB_H 1
4597 | #define HAVE_MALLOC 1
4598 | #define TIME_WITH_SYS_TIME 1
4599 | #define HAVE_SYS_TIME_H 1
4600 | #define HAVE_UNISTD_H 1
4601 | #define HAVE_STDLIB_H 1
4602 | #define HAVE_SYS_PARAM_H 1
4603 | #define HAVE_ALARM 1
4604 | #define HAVE_GETPAGESIZE 1
```

```
4605 | #define HAVE_MMAP 1
4606 | #define HAVE_DUP2 1
4607 | #define HAVE_FLOOR 1
4608 | #define HAVE_GETCWD 1
4609 | #define HAVE_GETHOSTBYNAME 1
4610 | #define HAVE_GETTIMEOFDAY 1
4611 | #define HAVE_MEMSET 1
4612 | #define HAVE_MKDIR 1
4613 | #define HAVE_MODF 1
4614 | #define HAVE_MUNMAP 1
4615 | #define HAVE_POW 1
4616 | #define HAVE_REALPATH 1
4617 | #define HAVE_RINT 1
4618 | #define HAVE_RMDIR 1
4619 | #define HAVE_SELECT 1
4620 | #define HAVE_SETENV 1
4621 | #define HAVE_SETLOCALE 1
4622 | #define HAVE_SOCKET 1
4623 | #define HAVE_SQRT 1
4624 | #define HAVE_STRCASECMP 1
4625 | #define HAVE_STRCHR 1
4626 | #define HAVE_STRDUP 1
4627 | #define HAVE_STRNCASECMP 1
4628 | #define HAVE_STRNDUP 1
4629 | #define HAVE_STRERROR 1
4630 | #define HAVE_STRRCHR 1
4631 | #define HAVE_STRSTR 1
4632 | #define HAVE_STRTOL 1
4633 | #define HAVE_UNAME 1
4634 | #define HAVE_LIBPTHREAD 1
4635 | #define HAVE_LIBCURSES 1
4636 | #define HAVE_LIBNCURSES 1
4637 | #define HAVE_LIBM 1
4638 | #define HAVE_LIBDL 1
4639 | #define HAVE_STRUCT_STAT_ST_BLOCKS 1
4640 | #define HAVE_ST_BLOCKS 1
4641 | /* end confdefs.h. */
4642 | #include <X11/Xlib.h>
4643 configure:19631: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp
... -lX11 -ldl -lm -lncurses -lcurses -lpthread >&5
```

```
4644 conftest.cpp:101:10: fatal error: 'X11/Xlib.h' file not found
4645 #include <X11/Xlib.h>
4646     ^~~~~~
4647 1 error generated.
4648 configure:19631: $? = 1
4649 configure: failed program was:
4650 | /* confdefs.h */
4651 | #define PACKAGE_NAME "GNU APL"
4652 | #define PACKAGE_TARNAME "apl"
4653 | #define PACKAGE_VERSION "1.8"
4654 | #define PACKAGE_STRING "GNU APL 1.8"
4655 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
4656 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
4657 | #define STDC_HEADERS 1
4658 | #define HAVE_SYS_TYPES_H 1
4659 | #define HAVE_SYS_STAT_H 1
4660 | #define HAVE_STDLIB_H 1
4661 | #define HAVE_STRING_H 1
4662 | #define HAVE_MEMORY_H 1
4663 | #define HAVE_STRINGS_H 1
4664 | #define HAVE_INTTYPES_H 1
4665 | #define HAVE_STDINT_H 1
4666 | #define HAVE_UNISTD_H 1
4667 | #define __EXTENSIONS__ 1
4668 | #define _ALL_SOURCE 1
4669 | #define _GNU_SOURCE 1
4670 | #define _POSIX_PTHREAD_SEMANTICS 1
4671 | #define _TANDEM_SOURCE 1
4672 | #define PACKAGE "apl"
4673 | #define VERSION "1.8"
4674 | #define HAVE_DLFCN_H 1
4675 | #define LT_OBJDIR ".libs/"
4676 | #define HAVE_NCURSES_H 1
4677 | #define HAVE_TERM_H 1
4678 | #define HAVE_DIRENT_H 1
4679 | #define HAVE_EXECINFO_H 1
4680 | #define HAVE_FCNTL_H 1
4681 | #define HAVE_FENV_H 1
4682 | #define HAVE_INTTYPES_H 1
4683 | #define HAVE_LIMITS_H 1
4684 | #define HAVE_NETDB_H 1
```

```
4685 | #define HAVE_PNG_H 1
4686 | #define HAVE_STDINT_H 1
4687 | #define HAVE_STDLIB_H 1
4688 | #define HAVE_STRING_H 1
4689 | #define HAVE_STRINGS_H 1
4690 | #define HAVE_TERMIOS_H 1
4691 | #define HAVE_UNISTD_H 1
4692 | #define HAVE_UTMPX_H 1
4693 | #define HAVE_ZLIB_H 1
4694 | #define HAVE_NETINET_IN_H 1
4695 | #define HAVE_SYS_IOCTL_H 1
4696 | #define HAVE_SYS_SOCKET_H 1
4697 | #define HAVE_SYS_TIME_H 1
4698 | #define HAVE_SYS_UN_H 1
4699 | #define CONFIGURE_ARGS "./configure "
4700 | #define HAVE_FORK 1
4701 | #define HAVE_VFORK 1
4702 | #define HAVE_WORKING_VFORK 1
4703 | #define HAVE_WORKING_FORK 1
4704 | #define HAVE_STDLIB_H 1
4705 | #define HAVE_MALLOC 1
4706 | #define TIME_WITH_SYS_TIME 1
4707 | #define HAVE_SYS_TIME_H 1
4708 | #define HAVE_UNISTD_H 1
4709 | #define HAVE_STDLIB_H 1
4710 | #define HAVE_SYS_PARAM_H 1
4711 | #define HAVE_ALARM 1
4712 | #define HAVE_GETPAGESIZE 1
4713 | #define HAVE_MMAP 1
4714 | #define HAVE_DUP2 1
4715 | #define HAVE_FLOOR 1
4716 | #define HAVE_GETCWD 1
4717 | #define HAVE_GETHOSTBYNAME 1
4718 | #define HAVE_GETTIMEOFDAY 1
4719 | #define HAVE_MEMSET 1
4720 | #define HAVE_MKDIR 1
4721 | #define HAVE_MODF 1
4722 | #define HAVE_MUNMAP 1
4723 | #define HAVE_POW 1
4724 | #define HAVE_REALPATH 1
4725 | #define HAVE_RINT 1
```

```
4726 | #define HAVE_RMDIR 1
4727 | #define HAVE_SELECT 1
4728 | #define HAVE_SETENV 1
4729 | #define HAVE_SETLOCALE 1
4730 | #define HAVE_SOCKET 1
4731 | #define HAVE_SQRT 1
4732 | #define HAVE_STRCASECMP 1
4733 | #define HAVE_STRCHR 1
4734 | #define HAVE_STRDUP 1
4735 | #define HAVE_STRNCASECMP 1
4736 | #define HAVE_STRNDUP 1
4737 | #define HAVE_STRERROR 1
4738 | #define HAVE_STRRCHR 1
4739 | #define HAVE_STRSTR 1
4740 | #define HAVE_STRTOL 1
4741 | #define HAVE_UNAME 1
4742 | #define HAVE_LIBPTHREAD 1
4743 | #define HAVE_LIBCURSES 1
4744 | #define HAVE_LIBNCURSES 1
4745 | #define HAVE_LIBM 1
4746 | #define HAVE_LIBDL 1
4747 | #define HAVE_STRUCT_STAT_ST_BLOCKS 1
4748 | #define HAVE_ST_BLOCKS 1
4749 | /* end confdefs.h. */
4750 | #include <X11/Xlib.h>
4751 | int
4752 | main ()
4753 | {
4754 | XrmInitialize ()
4755 | ;
4756 | return 0;
4757 | }
4758 configure:19681: result: libraries /usr/X11/lib, headers
... /usr/X11/include
4759 configure:19691: checking for cairo_fill in -lcairo
4760 configure:19716: g++ -o confctest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp
... -lcairo -ldl -lm -lncurses -lcurses -lpthread >&5
4761 configure:19716: $? = 0
4762 configure:19725: result: yes
4763 configure:19738: checking for fftw_plan_dft in -lfftw3
```

```
4764 configure:19763: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp
... -lfftw3 -lcairo -ldl -lm -lncurses -lcurses -lpthread >&5
4765 ld: library not found for -lfftw3
4766 clang: error: linker command failed with exit code 1 (use -v
... to see invocation)
4767 configure:19763: $? = 1
4768 configure: failed program was:
4769 | /* confdefs.h */
4770 | #define PACKAGE_NAME "GNU APL"
4771 | #define PACKAGE_TARNAME "apl"
4772 | #define PACKAGE_VERSION "1.8"
4773 | #define PACKAGE_STRING "GNU APL 1.8"
4774 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
4775 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
4776 | #define STDC_HEADERS 1
4777 | #define HAVE_SYS_TYPES_H 1
4778 | #define HAVE_SYS_STAT_H 1
4779 | #define HAVE_STDLIB_H 1
4780 | #define HAVE_STRING_H 1
4781 | #define HAVE_MEMORY_H 1
4782 | #define HAVE_STRINGS_H 1
4783 | #define HAVE_INTTYPES_H 1
4784 | #define HAVE_STDINT_H 1
4785 | #define HAVE_UNISTD_H 1
4786 | #define __EXTENSIONS__ 1
4787 | #define _ALL_SOURCE 1
4788 | #define _GNU_SOURCE 1
4789 | #define _POSIX_PTHREAD_SEMANTICS 1
4790 | #define _TANDEM_SOURCE 1
4791 | #define PACKAGE "apl"
4792 | #define VERSION "1.8"
4793 | #define HAVE_DLFCN_H 1
4794 | #define LT_OBJDIR ".libs/"
4795 | #define HAVE_NCURSES_H 1
4796 | #define HAVE_TERM_H 1
4797 | #define HAVE_DIRENT_H 1
4798 | #define HAVE_EXECINFO_H 1
4799 | #define HAVE_FCNTL_H 1
4800 | #define HAVE_FENV_H 1
4801 | #define HAVE_INTTYPES_H 1
```

```
4802 | #define HAVE_LIMITS_H 1
4803 | #define HAVE_NETDB_H 1
4804 | #define HAVE_PNG_H 1
4805 | #define HAVE_STDINT_H 1
4806 | #define HAVE_STDLIB_H 1
4807 | #define HAVE_STRING_H 1
4808 | #define HAVE_STRINGS_H 1
4809 | #define HAVE_TERMIOS_H 1
4810 | #define HAVE_UNISTD_H 1
4811 | #define HAVE_UTMPX_H 1
4812 | #define HAVE_ZLIB_H 1
4813 | #define HAVE_NETINET_IN_H 1
4814 | #define HAVE_SYS_IOCTL_H 1
4815 | #define HAVE_SYS_SOCKET_H 1
4816 | #define HAVE_SYS_TIME_H 1
4817 | #define HAVE_SYS_UN_H 1
4818 | #define CONFIGURE_ARGS "./configure "
4819 | #define HAVE_FORK 1
4820 | #define HAVE_VFORK 1
4821 | #define HAVE_WORKING_VFORK 1
4822 | #define HAVE_WORKING_FORK 1
4823 | #define HAVE_STDLIB_H 1
4824 | #define HAVE_MALLOC 1
4825 | #define TIME_WITH_SYS_TIME 1
4826 | #define HAVE_SYS_TIME_H 1
4827 | #define HAVE_UNISTD_H 1
4828 | #define HAVE_STDLIB_H 1
4829 | #define HAVE_SYS_PARAM_H 1
4830 | #define HAVE_ALARM 1
4831 | #define HAVE_GETPAGESIZE 1
4832 | #define HAVE_MMAP 1
4833 | #define HAVE_DUP2 1
4834 | #define HAVE_FLOOR 1
4835 | #define HAVE_GETCWD 1
4836 | #define HAVE_GETHOSTBYNAME 1
4837 | #define HAVE_GETTIMEOFDAY 1
4838 | #define HAVE_MEMSET 1
4839 | #define HAVE_MKDIR 1
4840 | #define HAVE_MODF 1
4841 | #define HAVE_MUNMAP 1
4842 | #define HAVE_POW 1
```

```
4843 | #define HAVE_REALPATH 1
4844 | #define HAVE_RINT 1
4845 | #define HAVE_RMDIR 1
4846 | #define HAVE_SELECT 1
4847 | #define HAVE_SETENV 1
4848 | #define HAVE_SETLOCALE 1
4849 | #define HAVE_SOCKET 1
4850 | #define HAVE_SQRT 1
4851 | #define HAVE_STRCASECMP 1
4852 | #define HAVE_STRCHR 1
4853 | #define HAVE_STRDUP 1
4854 | #define HAVE_STRNCASECMP 1
4855 | #define HAVE_STRNDUP 1
4856 | #define HAVE_STRERROR 1
4857 | #define HAVE_STRRCHR 1
4858 | #define HAVE_STRSTR 1
4859 | #define HAVE_STRTOL 1
4860 | #define HAVE_UNAME 1
4861 | #define HAVE_LIBPTHREAD 1
4862 | #define HAVE_LIBCURSES 1
4863 | #define HAVE_LIBNCURSES 1
4864 | #define HAVE_LIBM 1
4865 | #define HAVE_LIBDL 1
4866 | #define HAVE_STRUCT_STAT_ST_BLOCKS 1
4867 | #define HAVE_ST_BLOCKS 1
4868 | #define HAVE_LIBCAIRO 1
4869 | /* end confdefs.h. */
4870 |
4871 | /* Override any GCC internal prototype to avoid an error.
4872 |    Use char because int might match the return type of a GCC
4873 |    builtin and then its argument prototype would still
... apply. */
4874 | #ifdef __cplusplus
4875 | extern "C"
4876 | #endif
4877 | char fftw_plan_dft ();
4878 | int
4879 | main ()
4880 | {
4881 | return fftw_plan_dft ();
4882 | ;
```



```
4883 |   return 0;
4884 | }
4885 configure:19772: result: no
4886 configure:19786: checking for gtk_init in -lgtk-3
4887 configure:19811: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp
... -lgtk-3 -lcairo -ldl -lm -lncurses -lcurses -lpthread >&5
4888 ld: library not found for -lgtk-3
4889 clang: error: linker command failed with exit code 1 (use -v
... to see invocation)
4890 configure:19811: $? = 1
4891 configure: failed program was:
4892 | /* confdefs.h */
4893 | #define PACKAGE_NAME "GNU APL"
4894 | #define PACKAGE_TARNAME "apl"
4895 | #define PACKAGE_VERSION "1.8"
4896 | #define PACKAGE_STRING "GNU APL 1.8"
4897 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
4898 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
4899 | #define STDC_HEADERS 1
4900 | #define HAVE_SYS_TYPES_H 1
4901 | #define HAVE_SYS_STAT_H 1
4902 | #define HAVE_STDLIB_H 1
4903 | #define HAVE_STRING_H 1
4904 | #define HAVE_MEMORY_H 1
4905 | #define HAVE_STRINGS_H 1
4906 | #define HAVE_INTTYPES_H 1
4907 | #define HAVE_STDINT_H 1
4908 | #define HAVE_UNISTD_H 1
4909 | #define __EXTENSIONS__ 1
4910 | #define _ALL_SOURCE 1
4911 | #define _GNU_SOURCE 1
4912 | #define _POSIX_PTHREAD_SEMANTICS 1
4913 | #define _TANDEM_SOURCE 1
4914 | #define PACKAGE "apl"
4915 | #define VERSION "1.8"
4916 | #define HAVE_DLFCN_H 1
4917 | #define LT_OBJDIR ".libs/"
4918 | #define HAVE_NCURSES_H 1
4919 | #define HAVE_TERM_H 1
4920 | #define HAVE_DIRENT_H 1
```

```
4921 | #define HAVE_EXECINFO_H 1
4922 | #define HAVE_FCNTL_H 1
4923 | #define HAVE_FENV_H 1
4924 | #define HAVE_INTTYPES_H 1
4925 | #define HAVE_LIMITS_H 1
4926 | #define HAVE_NETDB_H 1
4927 | #define HAVE_PNG_H 1
4928 | #define HAVE_STDINT_H 1
4929 | #define HAVE_STDLIB_H 1
4930 | #define HAVE_STRING_H 1
4931 | #define HAVE_STRINGS_H 1
4932 | #define HAVE_TERMIOS_H 1
4933 | #define HAVE_UNISTD_H 1
4934 | #define HAVE_UTMPX_H 1
4935 | #define HAVE_ZLIB_H 1
4936 | #define HAVE_NETINET_IN_H 1
4937 | #define HAVE_SYS_IOCTL_H 1
4938 | #define HAVE_SYS_SOCKET_H 1
4939 | #define HAVE_SYS_TIME_H 1
4940 | #define HAVE_SYS_UN_H 1
4941 | #define CONFIGURE_ARGS "./configure "
4942 | #define HAVE_FORK 1
4943 | #define HAVE_VFORK 1
4944 | #define HAVE_WORKING_VFORK 1
4945 | #define HAVE_WORKING_FORK 1
4946 | #define HAVE_STDLIB_H 1
4947 | #define HAVE_MALLOC 1
4948 | #define TIME_WITH_SYS_TIME 1
4949 | #define HAVE_SYS_TIME_H 1
4950 | #define HAVE_UNISTD_H 1
4951 | #define HAVE_STDLIB_H 1
4952 | #define HAVE_SYS_PARAM_H 1
4953 | #define HAVE_ALARM 1
4954 | #define HAVE_GETPAGESIZE 1
4955 | #define HAVE_MMAP 1
4956 | #define HAVE_DUP2 1
4957 | #define HAVE_FLOOR 1
4958 | #define HAVE_GETCWD 1
4959 | #define HAVE_GETHOSTBYNAME 1
4960 | #define HAVE_GETTIMEOFDAY 1
4961 | #define HAVE_MEMSET 1
```

```
4962 | #define HAVE_MKDIR 1
4963 | #define HAVE_MODF 1
4964 | #define HAVE_MUNMAP 1
4965 | #define HAVE_POW 1
4966 | #define HAVE_REALPATH 1
4967 | #define HAVE_RINT 1
4968 | #define HAVE_RMDIR 1
4969 | #define HAVE_SELECT 1
4970 | #define HAVE_SETENV 1
4971 | #define HAVE_SETLOCALE 1
4972 | #define HAVE_SOCKET 1
4973 | #define HAVE_SQRT 1
4974 | #define HAVE_STRCASECMP 1
4975 | #define HAVE_STRCHR 1
4976 | #define HAVE_STRDUP 1
4977 | #define HAVE_STRNCASECMP 1
4978 | #define HAVE_STRNDUP 1
4979 | #define HAVE_STRERROR 1
4980 | #define HAVE_STRRCHR 1
4981 | #define HAVE_STRSTR 1
4982 | #define HAVE_STRTOL 1
4983 | #define HAVE_UNAME 1
4984 | #define HAVE_LIBPTHREAD 1
4985 | #define HAVE_LIBCURSES 1
4986 | #define HAVE_LIBNCURSES 1
4987 | #define HAVE_LIBM 1
4988 | #define HAVE_LIBDL 1
4989 | #define HAVE_STRUCT_STAT_ST_BLOCKS 1
4990 | #define HAVE_ST_BLOCKS 1
4991 | #define HAVE_LIBCAIRO 1
4992 | /* end confdefs.h. */
4993 |
4994 | /* Override any GCC internal prototype to avoid an error.
4995 |    Use char because int might match the return type of a GCC
4996 |    builtin and then its argument prototype would still
... apply. */
4997 | #ifdef __cplusplus
4998 | extern "C"
4999 | #endif
5000 | char gtk_init ();
5001 | int
```

```
5002 | main ()
5003 | {
5004 |   return gtk_init ();
5005 |   ;
5006 |   return 0;
5007 | }
5008 configure:19820: result: no
5009 configure:19833: checking for gdk_init in -lgdk-3
5010 configure:19858: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp
... -lgdk-3 -lcairo -ldl -lm -lncurses -lcurses -lpthread >&5
5011 ld: library not found for -lgdk-3
5012 clang: error: linker command failed with exit code 1 (use -v
... to see invocation)
5013 configure:19858: $? = 1
5014 configure: failed program was:
5015 | /* confdefs.h */
5016 | #define PACKAGE_NAME "GNU APL"
5017 | #define PACKAGE_TARNAME "apl"
5018 | #define PACKAGE_VERSION "1.8"
5019 | #define PACKAGE_STRING "GNU APL 1.8"
5020 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
5021 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
5022 | #define STDC_HEADERS 1
5023 | #define HAVE_SYS_TYPES_H 1
5024 | #define HAVE_SYS_STAT_H 1
5025 | #define HAVE_STDLIB_H 1
5026 | #define HAVE_STRING_H 1
5027 | #define HAVE_MEMORY_H 1
5028 | #define HAVE_STRINGS_H 1
5029 | #define HAVE_INTTYPES_H 1
5030 | #define HAVE_STDINT_H 1
5031 | #define HAVE_UNISTD_H 1
5032 | #define __EXTENSIONS__ 1
5033 | #define _ALL_SOURCE 1
5034 | #define _GNU_SOURCE 1
5035 | #define _POSIX_PTHREAD_SEMANTICS 1
5036 | #define _TANDEM_SOURCE 1
5037 | #define PACKAGE "apl"
5038 | #define VERSION "1.8"
5039 | #define HAVE_DLFCN_H 1
```

```
5040 | #define LT_OBJDIR ".libs/"
5041 | #define HAVE_NCURSES_H 1
5042 | #define HAVE_TERM_H 1
5043 | #define HAVE_DIRENT_H 1
5044 | #define HAVE_EXECINFO_H 1
5045 | #define HAVE_FCNTL_H 1
5046 | #define HAVE_FENV_H 1
5047 | #define HAVE_INTTYPES_H 1
5048 | #define HAVE_LIMITS_H 1
5049 | #define HAVE_NETDB_H 1
5050 | #define HAVE_PNG_H 1
5051 | #define HAVE_STDINT_H 1
5052 | #define HAVE_STDLIB_H 1
5053 | #define HAVE_STRING_H 1
5054 | #define HAVE_STRINGS_H 1
5055 | #define HAVE_TERMIOS_H 1
5056 | #define HAVE_UNISTD_H 1
5057 | #define HAVE_UTMPX_H 1
5058 | #define HAVE_ZLIB_H 1
5059 | #define HAVE_NETINET_IN_H 1
5060 | #define HAVE_SYS_IOCTL_H 1
5061 | #define HAVE_SYS_SOCKET_H 1
5062 | #define HAVE_SYS_TIME_H 1
5063 | #define HAVE_SYS_UN_H 1
5064 | #define CONFIGURE_ARGS "./configure "
5065 | #define HAVE_FORK 1
5066 | #define HAVE_VFORK 1
5067 | #define HAVE_WORKING_VFORK 1
5068 | #define HAVE_WORKING_FORK 1
5069 | #define HAVE_STDLIB_H 1
5070 | #define HAVE_MALLOC 1
5071 | #define TIME_WITH_SYS_TIME 1
5072 | #define HAVE_SYS_TIME_H 1
5073 | #define HAVE_UNISTD_H 1
5074 | #define HAVE_STDLIB_H 1
5075 | #define HAVE_SYS_PARAM_H 1
5076 | #define HAVE_ALARM 1
5077 | #define HAVE_GETPAGESIZE 1
5078 | #define HAVE_MMAP 1
5079 | #define HAVE_DUP2 1
5080 | #define HAVE_FLOOR 1
```

```
5081 | #define HAVE_GETCWD 1
5082 | #define HAVE_GETHOSTBYNAME 1
5083 | #define HAVE_GETTIMEOFDAY 1
5084 | #define HAVE_MEMSET 1
5085 | #define HAVE_MKDIR 1
5086 | #define HAVE_MODF 1
5087 | #define HAVE_MUNMAP 1
5088 | #define HAVE_POW 1
5089 | #define HAVE_REALPATH 1
5090 | #define HAVE_RINT 1
5091 | #define HAVE_RMDIR 1
5092 | #define HAVE_SELECT 1
5093 | #define HAVE_SETENV 1
5094 | #define HAVE_SETLOCALE 1
5095 | #define HAVE_SOCKET 1
5096 | #define HAVE_SQRT 1
5097 | #define HAVE_STRCASECMP 1
5098 | #define HAVE_STRCHR 1
5099 | #define HAVE_STRDUP 1
5100 | #define HAVE_STRNCASECMP 1
5101 | #define HAVE_STRNDUP 1
5102 | #define HAVE_STRERROR 1
5103 | #define HAVE_STRRCHR 1
5104 | #define HAVE_STRSTR 1
5105 | #define HAVE_STRTOL 1
5106 | #define HAVE_UNAME 1
5107 | #define HAVE_LIBPTHREAD 1
5108 | #define HAVE_LIBCURSES 1
5109 | #define HAVE_LIBNCURSES 1
5110 | #define HAVE_LIBM 1
5111 | #define HAVE_LIBDL 1
5112 | #define HAVE_STRUCT_STAT_ST_BLOCKS 1
5113 | #define HAVE_ST_BLOCKS 1
5114 | #define HAVE_LIBCAIRO 1
5115 | /* end confdefs.h. */
5116 |
5117 | /* Override any GCC internal prototype to avoid an error.
5118 |    Use char because int might match the return type of a GCC
5119 |    builtin and then its argument prototype would still
... apply. */
5120 | #ifdef __cplusplus
```

```
5121 | extern "C"
5122 | #endif
5123 | char gdk_init ();
5124 | int
5125 | main ()
5126 | {
5127 | return gdk_init ();
5128 | ;
5129 | return 0;
5130 | }
5131 configure:19867: result: no
5132 configure:19880: checking for png_init_io in -lpng
5133 configure:19905: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp
... -lpng -lcairo -ldl -lm -lncurses -lcurses -lpthread >&5
5134 configure:19905: $? = 0
5135 configure:19914: result: yes
5136 configure:19928: checking for XGetXCBConnection in -lX11-xcb
5137 configure:19953: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp
... -lX11-xcb -lpng -lcairo -ldl -lm -lncurses -lcurses -lpthread
... >&5
5138 ld: library not found for -lX11-xcb
5139 clang: error: linker command failed with exit code 1 (use -v
... to see invocation)
5140 configure:19953: $? = 1
5141 configure: failed program was:
5142 | /* confdefs.h */
5143 | #define PACKAGE_NAME "GNU APL"
5144 | #define PACKAGE_TARNAME "apl"
5145 | #define PACKAGE_VERSION "1.8"
5146 | #define PACKAGE_STRING "GNU APL 1.8"
5147 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
5148 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
5149 | #define STDC_HEADERS 1
5150 | #define HAVE_SYS_TYPES_H 1
5151 | #define HAVE_SYS_STAT_H 1
5152 | #define HAVE_STDLIB_H 1
5153 | #define HAVE_STRING_H 1
5154 | #define HAVE_MEMORY_H 1
5155 | #define HAVE_STRINGS_H 1
```

```
5156 | #define HAVE_INTTYPES_H 1
5157 | #define HAVE_STDINT_H 1
5158 | #define HAVE_UNISTD_H 1
5159 | #define __EXTENSIONS__ 1
5160 | #define _ALL_SOURCE 1
5161 | #define _GNU_SOURCE 1
5162 | #define _POSIX_PTHREAD_SEMANTICS 1
5163 | #define _TANDEM_SOURCE 1
5164 | #define PACKAGE "apl"
5165 | #define VERSION "1.8"
5166 | #define HAVE_DLFCN_H 1
5167 | #define LT_OBJDIR ".libs/"
5168 | #define HAVE_NCURSES_H 1
5169 | #define HAVE_TERM_H 1
5170 | #define HAVE_DIRENT_H 1
5171 | #define HAVE_EXECINFO_H 1
5172 | #define HAVE_FCNTL_H 1
5173 | #define HAVE_FENV_H 1
5174 | #define HAVE_INTTYPES_H 1
5175 | #define HAVE_LIMITS_H 1
5176 | #define HAVE_NETDB_H 1
5177 | #define HAVE_PNG_H 1
5178 | #define HAVE_STDINT_H 1
5179 | #define HAVE_STDLIB_H 1
5180 | #define HAVE_STRING_H 1
5181 | #define HAVE_STRINGS_H 1
5182 | #define HAVE_TERMIOS_H 1
5183 | #define HAVE_UNISTD_H 1
5184 | #define HAVE_UTMPX_H 1
5185 | #define HAVE_ZLIB_H 1
5186 | #define HAVE_NETINET_IN_H 1
5187 | #define HAVE_SYS_IOCTL_H 1
5188 | #define HAVE_SYS_SOCKET_H 1
5189 | #define HAVE_SYS_TIME_H 1
5190 | #define HAVE_SYS_UN_H 1
5191 | #define CONFIGURE_ARGS "./configure "
5192 | #define HAVE_FORK 1
5193 | #define HAVE_VFORK 1
5194 | #define HAVE_WORKING_VFORK 1
5195 | #define HAVE_WORKING_FORK 1
5196 | #define HAVE_STDLIB_H 1
```



```
5197 | #define HAVE_MALLOC 1
5198 | #define TIME_WITH_SYS_TIME 1
5199 | #define HAVE_SYS_TIME_H 1
5200 | #define HAVE_UNISTD_H 1
5201 | #define HAVE_STDLIB_H 1
5202 | #define HAVE_SYS_PARAM_H 1
5203 | #define HAVE_ALARM 1
5204 | #define HAVE_GETPAGESIZE 1
5205 | #define HAVE_MMAP 1
5206 | #define HAVE_DUP2 1
5207 | #define HAVE_FLOOR 1
5208 | #define HAVE_GETCWD 1
5209 | #define HAVE_GETHOSTBYNAME 1
5210 | #define HAVE_GETTIMEOFDAY 1
5211 | #define HAVE_MEMSET 1
5212 | #define HAVE_MKDIR 1
5213 | #define HAVE_MODF 1
5214 | #define HAVE_MUNMAP 1
5215 | #define HAVE_POW 1
5216 | #define HAVE_REALPATH 1
5217 | #define HAVE_RINT 1
5218 | #define HAVE_RMDIR 1
5219 | #define HAVE_SELECT 1
5220 | #define HAVE_SETENV 1
5221 | #define HAVE_SETLOCALE 1
5222 | #define HAVE_SOCKET 1
5223 | #define HAVE_SQRT 1
5224 | #define HAVE_STRCASECMP 1
5225 | #define HAVE_STRCHR 1
5226 | #define HAVE_STRDUP 1
5227 | #define HAVE_STRNCASECMP 1
5228 | #define HAVE_STRNDUP 1
5229 | #define HAVE_STRERROR 1
5230 | #define HAVE_STRRCHR 1
5231 | #define HAVE_STRSTR 1
5232 | #define HAVE_STRTOL 1
5233 | #define HAVE_UNAME 1
5234 | #define HAVE_LIBPTHREAD 1
5235 | #define HAVE_LIBCURSES 1
5236 | #define HAVE_LIBNCURSES 1
5237 | #define HAVE_LIBM 1
```

```
5238 | #define HAVE_LIBDL 1
5239 | #define HAVE_STRUCT_STAT_ST_BLOCKS 1
5240 | #define HAVE_ST_BLOCKS 1
5241 | #define HAVE_LIBCAIRO 1
5242 | #define HAVE_LIBPNG 1
5243 | /* end confdefs.h. */
5244 |
5245 | /* Override any GCC internal prototype to avoid an error.
5246 |    Use char because int might match the return type of a GCC
5247 |    builtin and then its argument prototype would still
... apply. */
5248 | #ifdef __cplusplus
5249 | extern "C"
5250 | #endif
5251 | char XGetXCBConnection ();
5252 | int
5253 | main ()
5254 | {
5255 | return XGetXCBConnection ();
5256 | ;
5257 | return 0;
5258 | }
5259 configure:19962: result: no
5260 configure:19975: checking for XOpenDisplay in -lX11
5261 configure:20000: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp
... -lX11 -lpng -lcairo -ldl -lm -lncurses -lcurses -lpthread
... >&5
5262 ld: library not found for -lX11
5263 clang: error: linker command failed with exit code 1 (use -v
... to see invocation)
5264 configure:20000: $? = 1
5265 configure: failed program was:
5266 | /* confdefs.h */
5267 | #define PACKAGE_NAME "GNU APL"
5268 | #define PACKAGE_TARNAME "apl"
5269 | #define PACKAGE_VERSION "1.8"
5270 | #define PACKAGE_STRING "GNU APL 1.8"
5271 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
5272 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
5273 | #define STDC_HEADERS 1
```

```
5274 | #define HAVE_SYS_TYPES_H 1
5275 | #define HAVE_SYS_STAT_H 1
5276 | #define HAVE_STDLIB_H 1
5277 | #define HAVE_STRING_H 1
5278 | #define HAVE_MEMORY_H 1
5279 | #define HAVE_STRINGS_H 1
5280 | #define HAVE_INTTYPES_H 1
5281 | #define HAVE_STDINT_H 1
5282 | #define HAVE_UNISTD_H 1
5283 | #define __EXTENSIONS__ 1
5284 | #define _ALL_SOURCE 1
5285 | #define _GNU_SOURCE 1
5286 | #define _POSIX_PTHREAD_SEMANTICS 1
5287 | #define _TANDEM_SOURCE 1
5288 | #define PACKAGE "apl"
5289 | #define VERSION "1.8"
5290 | #define HAVE_DLFCN_H 1
5291 | #define LT_OBJDIR ".libs/"
5292 | #define HAVE_NCURSES_H 1
5293 | #define HAVE_TERM_H 1
5294 | #define HAVE_DIRENT_H 1
5295 | #define HAVE_EXECINFO_H 1
5296 | #define HAVE_FCNTL_H 1
5297 | #define HAVE_FENV_H 1
5298 | #define HAVE_INTTYPES_H 1
5299 | #define HAVE_LIMITS_H 1
5300 | #define HAVE_NETDB_H 1
5301 | #define HAVE_PNG_H 1
5302 | #define HAVE_STDINT_H 1
5303 | #define HAVE_STDLIB_H 1
5304 | #define HAVE_STRING_H 1
5305 | #define HAVE_STRINGS_H 1
5306 | #define HAVE_TERMIOS_H 1
5307 | #define HAVE_UNISTD_H 1
5308 | #define HAVE_UTMPX_H 1
5309 | #define HAVE_ZLIB_H 1
5310 | #define HAVE_NETINET_IN_H 1
5311 | #define HAVE_SYS_IOCTL_H 1
5312 | #define HAVE_SYS_SOCKET_H 1
5313 | #define HAVE_SYS_TIME_H 1
5314 | #define HAVE_SYS_UN_H 1
```

```
5315 | #define CONFIGURE_ARGS "./configure "  
5316 | #define HAVE_FORK 1  
5317 | #define HAVE_VFORK 1  
5318 | #define HAVE_WORKING_VFORK 1  
5319 | #define HAVE_WORKING_FORK 1  
5320 | #define HAVE_STDLIB_H 1  
5321 | #define HAVE_MALLOC 1  
5322 | #define TIME_WITH_SYS_TIME 1  
5323 | #define HAVE_SYS_TIME_H 1  
5324 | #define HAVE_UNISTD_H 1  
5325 | #define HAVE_STDLIB_H 1  
5326 | #define HAVE_SYS_PARAM_H 1  
5327 | #define HAVE_ALARM 1  
5328 | #define HAVE_GETPAGESIZE 1  
5329 | #define HAVE_MMAP 1  
5330 | #define HAVE_DUP2 1  
5331 | #define HAVE_FLOOR 1  
5332 | #define HAVE_GETCWD 1  
5333 | #define HAVE_GETHOSTBYNAME 1  
5334 | #define HAVE_GETTIMEOFDAY 1  
5335 | #define HAVE_MEMSET 1  
5336 | #define HAVE_MKDIR 1  
5337 | #define HAVE_MODF 1  
5338 | #define HAVE_MUNMAP 1  
5339 | #define HAVE_POW 1  
5340 | #define HAVE_REALPATH 1  
5341 | #define HAVE_RINT 1  
5342 | #define HAVE_RMDIR 1  
5343 | #define HAVE_SELECT 1  
5344 | #define HAVE_SETENV 1  
5345 | #define HAVE_SETLOCALE 1  
5346 | #define HAVE_SOCKET 1  
5347 | #define HAVE_SQRT 1  
5348 | #define HAVE_STRCASECMP 1  
5349 | #define HAVE_STRCHR 1  
5350 | #define HAVE_STRDUP 1  
5351 | #define HAVE_STRNCASECMP 1  
5352 | #define HAVE_STRNDUP 1  
5353 | #define HAVE_STRERROR 1  
5354 | #define HAVE_STRRCHR 1  
5355 | #define HAVE_STRSTR 1
```

```
5356 | #define HAVE_STRTOL 1
5357 | #define HAVE_UNAME 1
5358 | #define HAVE_LIBPTHREAD 1
5359 | #define HAVE_LIBCURSES 1
5360 | #define HAVE_LIBNCURSES 1
5361 | #define HAVE_LIBM 1
5362 | #define HAVE_LIBDL 1
5363 | #define HAVE_STRUCT_STAT_ST_BLOCKS 1
5364 | #define HAVE_ST_BLOCKS 1
5365 | #define HAVE_LIBCAIRO 1
5366 | #define HAVE_LIBPNG 1
5367 | /* end confdefs.h. */
5368 |
5369 | /* Override any GCC internal prototype to avoid an error.
5370 |    Use char because int might match the return type of a GCC
5371 |    builtin and then its argument prototype would still
... apply. */
5372 | #ifdef __cplusplus
5373 | extern "C"
5374 | #endif
5375 | char XOpenDisplay ();
5376 | int
5377 | main ()
5378 | {
5379 | return XOpenDisplay ();
5380 | ;
5381 | return 0;
5382 | }
5383 configure:20009: result: no
5384 configure:20022: checking for xcb_connect in -lxcb
5385 configure:20047: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp
... -lxcb -lpng -lcairo -ldl -lm -lncurses -lcurses -lpthread
... >&5
5386 ld: library not found for -lxcb
5387 clang: error: linker command failed with exit code 1 (use -v
... to see invocation)
5388 configure:20047: $? = 1
5389 configure: failed program was:
5390 | /* confdefs.h */
5391 | #define PACKAGE_NAME "GNU APL"
```

```
5392 | #define PACKAGE_TARNAME "apl"
5393 | #define PACKAGE_VERSION "1.8"
5394 | #define PACKAGE_STRING "GNU APL 1.8"
5395 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
5396 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
5397 | #define STDC_HEADERS 1
5398 | #define HAVE_SYS_TYPES_H 1
5399 | #define HAVE_SYS_STAT_H 1
5400 | #define HAVE_STDLIB_H 1
5401 | #define HAVE_STRING_H 1
5402 | #define HAVE_MEMORY_H 1
5403 | #define HAVE_STRINGS_H 1
5404 | #define HAVE_INTTYPES_H 1
5405 | #define HAVE_STDINT_H 1
5406 | #define HAVE_UNISTD_H 1
5407 | #define __EXTENSIONS__ 1
5408 | #define _ALL_SOURCE 1
5409 | #define _GNU_SOURCE 1
5410 | #define _POSIX_PTHREAD_SEMANTICS 1
5411 | #define _TANDEM_SOURCE 1
5412 | #define PACKAGE "apl"
5413 | #define VERSION "1.8"
5414 | #define HAVE_DLFCN_H 1
5415 | #define LT_OBJDIR ".libs/"
5416 | #define HAVE_NCURSES_H 1
5417 | #define HAVE_TERM_H 1
5418 | #define HAVE_DIRENT_H 1
5419 | #define HAVE_EXECINFO_H 1
5420 | #define HAVE_FCNTL_H 1
5421 | #define HAVE_FENV_H 1
5422 | #define HAVE_INTTYPES_H 1
5423 | #define HAVE_LIMITS_H 1
5424 | #define HAVE_NETDB_H 1
5425 | #define HAVE_PNG_H 1
5426 | #define HAVE_STDINT_H 1
5427 | #define HAVE_STDLIB_H 1
5428 | #define HAVE_STRING_H 1
5429 | #define HAVE_STRINGS_H 1
5430 | #define HAVE_TERMIOS_H 1
5431 | #define HAVE_UNISTD_H 1
5432 | #define HAVE_UTMPX_H 1
```

```
5433 | #define HAVE_ZLIB_H 1
5434 | #define HAVE_NETINET_IN_H 1
5435 | #define HAVE_SYS_IOCTL_H 1
5436 | #define HAVE_SYS_SOCKET_H 1
5437 | #define HAVE_SYS_TIME_H 1
5438 | #define HAVE_SYS_UN_H 1
5439 | #define CONFIGURE_ARGS "./configure "
5440 | #define HAVE_FORK 1
5441 | #define HAVE_VFORK 1
5442 | #define HAVE_WORKING_VFORK 1
5443 | #define HAVE_WORKING_FORK 1
5444 | #define HAVE_STDLIB_H 1
5445 | #define HAVE_MALLOC 1
5446 | #define TIME_WITH_SYS_TIME 1
5447 | #define HAVE_SYS_TIME_H 1
5448 | #define HAVE_UNISTD_H 1
5449 | #define HAVE_STDLIB_H 1
5450 | #define HAVE_SYS_PARAM_H 1
5451 | #define HAVE_ALARM 1
5452 | #define HAVE_GETPAGESIZE 1
5453 | #define HAVE_MMAP 1
5454 | #define HAVE_DUP2 1
5455 | #define HAVE_FLOOR 1
5456 | #define HAVE_GETCWD 1
5457 | #define HAVE_GETHOSTBYNAME 1
5458 | #define HAVE_GETTIMEOFDAY 1
5459 | #define HAVE_MEMSET 1
5460 | #define HAVE_MKDIR 1
5461 | #define HAVE_MODF 1
5462 | #define HAVE_MUNMAP 1
5463 | #define HAVE_POW 1
5464 | #define HAVE_REALPATH 1
5465 | #define HAVE_RINT 1
5466 | #define HAVE_RMDIR 1
5467 | #define HAVE_SELECT 1
5468 | #define HAVE_SETENV 1
5469 | #define HAVE_SETLOCALE 1
5470 | #define HAVE_SOCKET 1
5471 | #define HAVE_SQRT 1
5472 | #define HAVE_STRCASECMP 1
5473 | #define HAVE_STRCHR 1
```

```
5474 | #define HAVE_STRDUP 1
5475 | #define HAVE_STRNCASECMP 1
5476 | #define HAVE_STRNDUP 1
5477 | #define HAVE_STRERROR 1
5478 | #define HAVE_STRRCHR 1
5479 | #define HAVE_STRSTR 1
5480 | #define HAVE_STRTOL 1
5481 | #define HAVE_UNAME 1
5482 | #define HAVE_LIBPTHREAD 1
5483 | #define HAVE_LIBCURSES 1
5484 | #define HAVE_LIBNCURSES 1
5485 | #define HAVE_LIBM 1
5486 | #define HAVE_LIBDL 1
5487 | #define HAVE_STRUCT_STAT_ST_BLOCKS 1
5488 | #define HAVE_ST_BLOCKS 1
5489 | #define HAVE_LIBCAIRO 1
5490 | #define HAVE_LIBPNG 1
5491 | /* end confdefs.h. */
5492 |
5493 | /* Override any GCC internal prototype to avoid an error.
5494 |    Use char because int might match the return type of a GCC
5495 |    builtin and then its argument prototype would still
... apply. */
5496 | #ifdef __cplusplus
5497 | extern "C"
5498 | #endif
5499 | char xcb_connect ();
5500 | int
5501 | main ()
5502 | {
5503 | return xcb_connect ();
5504 | ;
5505 | return 0;
5506 | }
5507 configure:20056: result: no
5508 configure:20069: checking for uncompress in -lz
5509 configure:20094: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp -lz
... -lpng -lcairo -ldl -lm -lncurses -lcurses -lpthread >&5
5510 configure:20094: $? = 0
5511 configure:20103: result: yes
```



```
5512 configure:20123: checking sqlite3.h usability
5513 configure:20123: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp >&5
5514 configure:20123: $? = 0
5515 configure:20123: result: yes
5516 configure:20123: checking sqlite3.h presence
5517 configure:20123: g++ -E conftest.cpp
5518 configure:20123: $? = 0
5519 configure:20123: result: yes
5520 configure:20123: checking for sqlite3.h
5521 configure:20123: result: yes
5522 configure:20174: checking for SQLite3 library >= 3.0.0
5523 configure:20223: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk
... -I/usr/local/include conftest.cpp >&5
5524 configure:20223: $? = 0
5525 configure:20225: result: yes
5526 configure:20320: checking postgresql/libpq-fe.h usability
5527 configure:20320: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp >&5
5528 conftest.cpp:140:10: fatal error: 'postgresql/libpq-fe.h' file
... not found
5529 #include <postgresql/libpq-fe.h>
5530      ^~~~~~
5531 1 error generated.
5532 configure:20320: $? = 1
5533 configure: failed program was:
5534 | /* confdefs.h */
5535 | #define PACKAGE_NAME "GNU APL"
5536 | #define PACKAGE_TARNAME "apl"
5537 | #define PACKAGE_VERSION "1.8"
5538 | #define PACKAGE_STRING "GNU APL 1.8"
5539 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
5540 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
5541 | #define STDC_HEADERS 1
5542 | #define HAVE_SYS_TYPES_H 1
5543 | #define HAVE_SYS_STAT_H 1
5544 | #define HAVE_STDLIB_H 1
5545 | #define HAVE_STRING_H 1
5546 | #define HAVE_MEMORY_H 1
5547 | #define HAVE_STRINGS_H 1
```

```
5548 | #define HAVE_INTTYPES_H 1
5549 | #define HAVE_STDINT_H 1
5550 | #define HAVE_UNISTD_H 1
5551 | #define __EXTENSIONS__ 1
5552 | #define _ALL_SOURCE 1
5553 | #define _GNU_SOURCE 1
5554 | #define _POSIX_PTHREAD_SEMANTICS 1
5555 | #define _TANDEM_SOURCE 1
5556 | #define PACKAGE "apl"
5557 | #define VERSION "1.8"
5558 | #define HAVE_DLFCN_H 1
5559 | #define LT_OBJDIR ".libs/"
5560 | #define HAVE_NCURSES_H 1
5561 | #define HAVE_TERM_H 1
5562 | #define HAVE_DIRENT_H 1
5563 | #define HAVE_EXECINFO_H 1
5564 | #define HAVE_FCNTL_H 1
5565 | #define HAVE_FENV_H 1
5566 | #define HAVE_INTTYPES_H 1
5567 | #define HAVE_LIMITS_H 1
5568 | #define HAVE_NETDB_H 1
5569 | #define HAVE_PNG_H 1
5570 | #define HAVE_STDINT_H 1
5571 | #define HAVE_STDLIB_H 1
5572 | #define HAVE_STRING_H 1
5573 | #define HAVE_STRINGS_H 1
5574 | #define HAVE_TERMIOS_H 1
5575 | #define HAVE_UNISTD_H 1
5576 | #define HAVE_UTMPX_H 1
5577 | #define HAVE_ZLIB_H 1
5578 | #define HAVE_NETINET_IN_H 1
5579 | #define HAVE_SYS_IOCTL_H 1
5580 | #define HAVE_SYS_SOCKET_H 1
5581 | #define HAVE_SYS_TIME_H 1
5582 | #define HAVE_SYS_UN_H 1
5583 | #define CONFIGURE_ARGS "./configure "
5584 | #define HAVE_FORK 1
5585 | #define HAVE_VFORK 1
5586 | #define HAVE_WORKING_VFORK 1
5587 | #define HAVE_WORKING_FORK 1
5588 | #define HAVE_STDLIB_H 1
```

```
5589 | #define HAVE_MALLOC 1
5590 | #define TIME_WITH_SYS_TIME 1
5591 | #define HAVE_SYS_TIME_H 1
5592 | #define HAVE_UNISTD_H 1
5593 | #define HAVE_STDLIB_H 1
5594 | #define HAVE_SYS_PARAM_H 1
5595 | #define HAVE_ALARM 1
5596 | #define HAVE_GETPAGESIZE 1
5597 | #define HAVE_MMAP 1
5598 | #define HAVE_DUP2 1
5599 | #define HAVE_FLOOR 1
5600 | #define HAVE_GETCWD 1
5601 | #define HAVE_GETHOSTBYNAME 1
5602 | #define HAVE_GETTIMEOFDAY 1
5603 | #define HAVE_MEMSET 1
5604 | #define HAVE_MKDIR 1
5605 | #define HAVE_MODF 1
5606 | #define HAVE_MUNMAP 1
5607 | #define HAVE_POW 1
5608 | #define HAVE_REALPATH 1
5609 | #define HAVE_RINT 1
5610 | #define HAVE_RMDIR 1
5611 | #define HAVE_SELECT 1
5612 | #define HAVE_SETENV 1
5613 | #define HAVE_SETLOCALE 1
5614 | #define HAVE_SOCKET 1
5615 | #define HAVE_SQRT 1
5616 | #define HAVE_STRCASECMP 1
5617 | #define HAVE_STRCHR 1
5618 | #define HAVE_STRDUP 1
5619 | #define HAVE_STRNCASECMP 1
5620 | #define HAVE_STRNDUP 1
5621 | #define HAVE_STRERROR 1
5622 | #define HAVE_STRRCHR 1
5623 | #define HAVE_STRSTR 1
5624 | #define HAVE_STRTOL 1
5625 | #define HAVE_UNAME 1
5626 | #define HAVE_LIBPTHREAD 1
5627 | #define HAVE_LIBCURSES 1
5628 | #define HAVE_LIBNCURSES 1
5629 | #define HAVE_LIBM 1
```

```
5630 | #define HAVE_LIBDL 1
5631 | #define HAVE_STRUCT_STAT_ST_BLOCKS 1
5632 | #define HAVE_ST_BLOCKS 1
5633 | #define HAVE_LIBCAIRO 1
5634 | #define HAVE_LIBPNG 1
5635 | #define HAVE_LIBZ 1
5636 | #define HAVE_SQLITE3 1
5637 | #define REALLY_WANT_SQLITE3 1
5638 | #define apl_SQLITE3 1
5639 | /* end confdefs.h. */
5640 | #include <stdio.h>
5641 | #ifdef HAVE_SYS_TYPES_H
5642 | # include <sys/types.h>
5643 | #endif
5644 | #ifdef HAVE_SYS_STAT_H
5645 | # include <sys/stat.h>
5646 | #endif
5647 | #ifdef STDC_HEADERS
5648 | # include <stdlib.h>
5649 | # include <stddef.h>
5650 | #else
5651 | # ifdef HAVE_STDLIB_H
5652 | # include <stdlib.h>
5653 | # endif
5654 | #endif
5655 | #ifdef HAVE_STRING_H
5656 | # if !defined STDC_HEADERS && defined HAVE_MEMORY_H
5657 | # include <memory.h>
5658 | # endif
5659 | # include <string.h>
5660 | #endif
5661 | #ifdef HAVE_STRINGS_H
5662 | # include <strings.h>
5663 | #endif
5664 | #ifdef HAVE_INTTYPES_H
5665 | # include <inttypes.h>
5666 | #endif
5667 | #ifdef HAVE_STDINT_H
5668 | # include <stdint.h>
5669 | #endif
5670 | #ifdef HAVE_UNISTD_H
```

```
5671 | # include <unistd.h>
5672 | #endif
5673 | #include <postgresql/libpq-fe.h>
5674 configure:20320: result: no
5675 configure:20320: checking postgresql/libpq-fe.h presence
5676 configure:20320: g++ -E conftest.cpp
5677 conftest.cpp:107:10: fatal error: 'postgresql/libpq-fe.h' file
    ... not found
5678 #include <postgresql/libpq-fe.h>
5679      ^~~~~~
5680 1 error generated.
5681 configure:20320: $? = 1
5682 configure: failed program was:
5683 | /* confdefs.h */
5684 | #define PACKAGE_NAME "GNU APL"
5685 | #define PACKAGE_TARNAME "apl"
5686 | #define PACKAGE_VERSION "1.8"
5687 | #define PACKAGE_STRING "GNU APL 1.8"
5688 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
5689 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
5690 | #define STDC_HEADERS 1
5691 | #define HAVE_SYS_TYPES_H 1
5692 | #define HAVE_SYS_STAT_H 1
5693 | #define HAVE_STDLIB_H 1
5694 | #define HAVE_STRING_H 1
5695 | #define HAVE_MEMORY_H 1
5696 | #define HAVE_STRINGS_H 1
5697 | #define HAVE_INTTYPES_H 1
5698 | #define HAVE_STDINT_H 1
5699 | #define HAVE_UNISTD_H 1
5700 | #define __EXTENSIONS__ 1
5701 | #define _ALL_SOURCE 1
5702 | #define _GNU_SOURCE 1
5703 | #define _POSIX_PTHREAD_SEMANTICS 1
5704 | #define _TANDEM_SOURCE 1
5705 | #define PACKAGE "apl"
5706 | #define VERSION "1.8"
5707 | #define HAVE_DLFCN_H 1
5708 | #define LT_OBJDIR ".libs/"
5709 | #define HAVE_NCURSES_H 1
5710 | #define HAVE_TERM_H 1
```

```
5711 | #define HAVE_DIRENT_H 1
5712 | #define HAVE_EXECINFO_H 1
5713 | #define HAVE_FCNTL_H 1
5714 | #define HAVE_FENV_H 1
5715 | #define HAVE_INTTYPES_H 1
5716 | #define HAVE_LIMITS_H 1
5717 | #define HAVE_NETDB_H 1
5718 | #define HAVE_PNG_H 1
5719 | #define HAVE_STDINT_H 1
5720 | #define HAVE_STDLIB_H 1
5721 | #define HAVE_STRING_H 1
5722 | #define HAVE_STRINGS_H 1
5723 | #define HAVE_TERMIOS_H 1
5724 | #define HAVE_UNISTD_H 1
5725 | #define HAVE_UTMPX_H 1
5726 | #define HAVE_ZLIB_H 1
5727 | #define HAVE_NETINET_IN_H 1
5728 | #define HAVE_SYS_IOCTL_H 1
5729 | #define HAVE_SYS_SOCKET_H 1
5730 | #define HAVE_SYS_TIME_H 1
5731 | #define HAVE_SYS_UN_H 1
5732 | #define CONFIGURE_ARGS "./configure "
5733 | #define HAVE_FORK 1
5734 | #define HAVE_VFORK 1
5735 | #define HAVE_WORKING_VFORK 1
5736 | #define HAVE_WORKING_FORK 1
5737 | #define HAVE_STDLIB_H 1
5738 | #define HAVE_MALLOC 1
5739 | #define TIME_WITH_SYS_TIME 1
5740 | #define HAVE_SYS_TIME_H 1
5741 | #define HAVE_UNISTD_H 1
5742 | #define HAVE_STDLIB_H 1
5743 | #define HAVE_SYS_PARAM_H 1
5744 | #define HAVE_ALARM 1
5745 | #define HAVE_GETPAGESIZE 1
5746 | #define HAVE_MMAP 1
5747 | #define HAVE_DUP2 1
5748 | #define HAVE_FLOOR 1
5749 | #define HAVE_GETCWD 1
5750 | #define HAVE_GETHOSTBYNAME 1
5751 | #define HAVE_GETTIMEOFDAY 1
```

```
5752 | #define HAVE_MEMSET 1
5753 | #define HAVE_MKDIR 1
5754 | #define HAVE_MODF 1
5755 | #define HAVE_MUNMAP 1
5756 | #define HAVE_POW 1
5757 | #define HAVE_REALPATH 1
5758 | #define HAVE_RINT 1
5759 | #define HAVE_RMDIR 1
5760 | #define HAVE_SELECT 1
5761 | #define HAVE_SETENV 1
5762 | #define HAVE_SETLOCALE 1
5763 | #define HAVE_SOCKET 1
5764 | #define HAVE_SQRT 1
5765 | #define HAVE_STRCASECMP 1
5766 | #define HAVE_STRCHR 1
5767 | #define HAVE_STRDUP 1
5768 | #define HAVE_STRNCASECMP 1
5769 | #define HAVE_STRNDUP 1
5770 | #define HAVE_STRERROR 1
5771 | #define HAVE_STRRCHR 1
5772 | #define HAVE_STRSTR 1
5773 | #define HAVE_STRTOL 1
5774 | #define HAVE_UNAME 1
5775 | #define HAVE_LIBPTHREAD 1
5776 | #define HAVE_LIBCURSES 1
5777 | #define HAVE_LIBNCURSES 1
5778 | #define HAVE_LIBM 1
5779 | #define HAVE_LIBDL 1
5780 | #define HAVE_STRUCT_STAT_ST_BLOCKS 1
5781 | #define HAVE_ST_BLOCKS 1
5782 | #define HAVE_LIBCAIRO 1
5783 | #define HAVE_LIBPNG 1
5784 | #define HAVE_LIBZ 1
5785 | #define HAVE_SQLITE3 1
5786 | #define REALLY_WANT_SQLITE3 1
5787 | #define apL_SQLITE3 1
5788 | /* end confdefs.h. */
5789 | #include <postgresql/libpq-fe.h>
5790 | configure:20320: result: no
5791 | configure:20320: checking for postgresql/libpq-fe.h
5792 | configure:20320: result: no
```

```
5793 configure:20648: checking for pcre2_compile_32 in -lpcre2-32
5794 configure:20673: g++ -o conftest -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp
... -lpcre2-32 -lz -lpng -lcairo -ldl -lm -lncurses -lcurses
... -lpthread >&5
5795 ld: library not found for -lpcre2-32
5796 clang: error: linker command failed with exit code 1 (use -v
... to see invocation)
5797 configure:20673: $? = 1
5798 configure: failed program was:
5799 | /* confdefs.h */
5800 | #define PACKAGE_NAME "GNU APL"
5801 | #define PACKAGE_TARNAME "apl"
5802 | #define PACKAGE_VERSION "1.8"
5803 | #define PACKAGE_STRING "GNU APL 1.8"
5804 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
5805 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
5806 | #define STDC_HEADERS 1
5807 | #define HAVE_SYS_TYPES_H 1
5808 | #define HAVE_SYS_STAT_H 1
5809 | #define HAVE_STDLIB_H 1
5810 | #define HAVE_STRING_H 1
5811 | #define HAVE_MEMORY_H 1
5812 | #define HAVE_STRINGS_H 1
5813 | #define HAVE_INTTYPES_H 1
5814 | #define HAVE_STDINT_H 1
5815 | #define HAVE_UNISTD_H 1
5816 | #define __EXTENSIONS__ 1
5817 | #define _ALL_SOURCE 1
5818 | #define _GNU_SOURCE 1
5819 | #define _POSIX_PTHREAD_SEMANTICS 1
5820 | #define _TANDEM_SOURCE 1
5821 | #define PACKAGE "apl"
5822 | #define VERSION "1.8"
5823 | #define HAVE_DLFCN_H 1
5824 | #define LT_OBJDIR ".libs/"
5825 | #define HAVE_NCURSES_H 1
5826 | #define HAVE_TERM_H 1
5827 | #define HAVE_DIRENT_H 1
5828 | #define HAVE_EXECINFO_H 1
5829 | #define HAVE_FCNTL_H 1
```



```
5830 | #define HAVE_FENV_H 1
5831 | #define HAVE_INTTYPES_H 1
5832 | #define HAVE_LIMITS_H 1
5833 | #define HAVE_NETDB_H 1
5834 | #define HAVE_PNG_H 1
5835 | #define HAVE_STDINT_H 1
5836 | #define HAVE_STDLIB_H 1
5837 | #define HAVE_STRING_H 1
5838 | #define HAVE_STRINGS_H 1
5839 | #define HAVE_TERMIOS_H 1
5840 | #define HAVE_UNISTD_H 1
5841 | #define HAVE_UTMPX_H 1
5842 | #define HAVE_ZLIB_H 1
5843 | #define HAVE_NETINET_IN_H 1
5844 | #define HAVE_SYS_IOCTL_H 1
5845 | #define HAVE_SYS_SOCKET_H 1
5846 | #define HAVE_SYS_TIME_H 1
5847 | #define HAVE_SYS_UN_H 1
5848 | #define CONFIGURE_ARGS "./configure "
5849 | #define HAVE_FORK 1
5850 | #define HAVE_VFORK 1
5851 | #define HAVE_WORKING_VFORK 1
5852 | #define HAVE_WORKING_FORK 1
5853 | #define HAVE_STDLIB_H 1
5854 | #define HAVE_MALLOC 1
5855 | #define TIME_WITH_SYS_TIME 1
5856 | #define HAVE_SYS_TIME_H 1
5857 | #define HAVE_UNISTD_H 1
5858 | #define HAVE_STDLIB_H 1
5859 | #define HAVE_SYS_PARAM_H 1
5860 | #define HAVE_ALARM 1
5861 | #define HAVE_GETPAGESIZE 1
5862 | #define HAVE_MMAP 1
5863 | #define HAVE_DUP2 1
5864 | #define HAVE_FLOOR 1
5865 | #define HAVE_GETCWD 1
5866 | #define HAVE_GETHOSTBYNAME 1
5867 | #define HAVE_GETTIMEOFDAY 1
5868 | #define HAVE_MEMSET 1
5869 | #define HAVE_MKDIR 1
5870 | #define HAVE_MODF 1
```

```
5871 | #define HAVE_MUNMAP 1
5872 | #define HAVE_POW 1
5873 | #define HAVE_REALPATH 1
5874 | #define HAVE_RINT 1
5875 | #define HAVE_RMDIR 1
5876 | #define HAVE_SELECT 1
5877 | #define HAVE_SETENV 1
5878 | #define HAVE_SETLOCALE 1
5879 | #define HAVE_SOCKET 1
5880 | #define HAVE_SQRT 1
5881 | #define HAVE_STRCASECMP 1
5882 | #define HAVE_STRCHR 1
5883 | #define HAVE_STRDUP 1
5884 | #define HAVE_STRNCASECMP 1
5885 | #define HAVE_STRNDUP 1
5886 | #define HAVE_STRERROR 1
5887 | #define HAVE_STRRCHR 1
5888 | #define HAVE_STRSTR 1
5889 | #define HAVE_STRTOL 1
5890 | #define HAVE_UNAME 1
5891 | #define HAVE_LIBPTHREAD 1
5892 | #define HAVE_LIBCURSES 1
5893 | #define HAVE_LIBNCURSES 1
5894 | #define HAVE_LIBM 1
5895 | #define HAVE_LIBDL 1
5896 | #define HAVE_STRUCT_STAT_ST_BLOCKS 1
5897 | #define HAVE_ST_BLOCKS 1
5898 | #define HAVE_LIBCAIRO 1
5899 | #define HAVE_LIBPNG 1
5900 | #define HAVE_LIBZ 1
5901 | #define HAVE_SQLITE3 1
5902 | #define REALLY_WANT_SQLITE3 1
5903 | #define apl_SQLITE3 1
5904 | /* end confdefs.h. */
5905 |
5906 | /* Override any GCC internal prototype to avoid an error.
5907 |    Use char because int might match the return type of a GCC
5908 |    builtin and then its argument prototype would still
... apply. */
5909 | #ifdef __cplusplus
5910 | extern "C"
```

```
5911 | #endif
5912 | char pcre2_compile_32 ();
5913 | int
5914 | main ()
5915 | {
5916 | return pcre2_compile_32 ();
5917 | ;
5918 | return 0;
5919 | }
5920 configure:20682: result: no
5921 configure:20788: checking whether support for GTK (needs GTK
... version 3) is desired
5922 configure:20796: result: yes
5923 configure:20801: checking for pkg-config
5924 configure:20819: found /usr/local/bin/pkg-config
5925 configure:20832: result: /usr/local/bin/pkg-config
5926 configure:20841: checking if package gtk+-3.0 is installed
5927 configure:20851: result: no
5928 configure:20892: checking whether CPU has rdtsc (read CPU
... cycle counter) opcode
5929 configure:20907: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp >&5
5930 configure:20907: $? = 0
5931 configure:20920: result: yes
5932 configure:20926: checking whether gettimeofday exists
5933 configure:20940: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp >&5
5934 configure:20940: $? = 0
5935 configure:20953: result: yes
5936 configure:20963: checking whether sem_init() works
5937 configure:20979: g++ -c -Wall -Werror conftest.cpp >&5
5938 conftest.cpp:114:11: error: 'sem_init' is deprecated
... [-Werror,-Wdeprecated-declarations]
5939         sem_init(&sema, 0, 0);
5940         ^
5941 /Applications/Xcode.app/Contents/Developer/Platforms/MacOSX.
... platform/Developer/SDKs/MacOSX.sdk/usr/include/sys/semaphore.h
... :55:42: note: 'sem_init' has been explicitly marked deprecated
... here
5942 int sem_init(sem_t *, int, unsigned int) __deprecated;
5943         ^
```

```
5944 /Applications/Xcode.app/Contents/Developer/Platforms/MacOSX.
... platform/Developer/SDKs/MacOSX.sdk/usr/include/sys/cdefs.h:187
... :40: note: expanded from macro '__deprecated'
5945 #define __deprecated      __attribute__((__deprecated__))
5946                                     ^
5947 1 error generated.
5948 configure:20979: $? = 1
5949 configure: failed program was:
5950 | /* confdefs.h */
5951 | #define PACKAGE_NAME "GNU APL"
5952 | #define PACKAGE_TARNAME "apl"
5953 | #define PACKAGE_VERSION "1.8"
5954 | #define PACKAGE_STRING "GNU APL 1.8"
5955 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
5956 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
5957 | #define STDC_HEADERS 1
5958 | #define HAVE_SYS_TYPES_H 1
5959 | #define HAVE_SYS_STAT_H 1
5960 | #define HAVE_STDLIB_H 1
5961 | #define HAVE_STRING_H 1
5962 | #define HAVE_MEMORY_H 1
5963 | #define HAVE_STRINGS_H 1
5964 | #define HAVE_INTTYPES_H 1
5965 | #define HAVE_STDINT_H 1
5966 | #define HAVE_UNISTD_H 1
5967 | #define __EXTENSIONS__ 1
5968 | #define _ALL_SOURCE 1
5969 | #define _GNU_SOURCE 1
5970 | #define _POSIX_PTHREAD_SEMANTICS 1
5971 | #define _TANDEM_SOURCE 1
5972 | #define PACKAGE "apl"
5973 | #define VERSION "1.8"
5974 | #define HAVE_DLFCN_H 1
5975 | #define LT_OBJDIR ".libs/"
5976 | #define HAVE_NCURSES_H 1
5977 | #define HAVE_TERM_H 1
5978 | #define HAVE_DIRENT_H 1
5979 | #define HAVE_EXECINFO_H 1
5980 | #define HAVE_FCNTL_H 1
5981 | #define HAVE_FENV_H 1
5982 | #define HAVE_INTTYPES_H 1
```

```
5983 | #define HAVE_LIMITS_H 1
5984 | #define HAVE_NETDB_H 1
5985 | #define HAVE_PNG_H 1
5986 | #define HAVE_STDINT_H 1
5987 | #define HAVE_STDLIB_H 1
5988 | #define HAVE_STRING_H 1
5989 | #define HAVE_STRINGS_H 1
5990 | #define HAVE_TERMIOS_H 1
5991 | #define HAVE_UNISTD_H 1
5992 | #define HAVE_UTMPX_H 1
5993 | #define HAVE_ZLIB_H 1
5994 | #define HAVE_NETINET_IN_H 1
5995 | #define HAVE_SYS_IOCTL_H 1
5996 | #define HAVE_SYS_SOCKET_H 1
5997 | #define HAVE_SYS_TIME_H 1
5998 | #define HAVE_SYS_UN_H 1
5999 | #define CONFIGURE_ARGS "./configure "
6000 | #define HAVE_FORK 1
6001 | #define HAVE_VFORK 1
6002 | #define HAVE_WORKING_VFORK 1
6003 | #define HAVE_WORKING_FORK 1
6004 | #define HAVE_STDLIB_H 1
6005 | #define HAVE_MALLOC 1
6006 | #define TIME_WITH_SYS_TIME 1
6007 | #define HAVE_SYS_TIME_H 1
6008 | #define HAVE_UNISTD_H 1
6009 | #define HAVE_STDLIB_H 1
6010 | #define HAVE_SYS_PARAM_H 1
6011 | #define HAVE_ALARM 1
6012 | #define HAVE_GETPAGESIZE 1
6013 | #define HAVE_MMAP 1
6014 | #define HAVE_DUP2 1
6015 | #define HAVE_FLOOR 1
6016 | #define HAVE_GETCWD 1
6017 | #define HAVE_GETHOSTBYNAME 1
6018 | #define HAVE_GETTIMEOFDAY 1
6019 | #define HAVE_MEMSET 1
6020 | #define HAVE_MKDIR 1
6021 | #define HAVE_MODF 1
6022 | #define HAVE_MUNMAP 1
6023 | #define HAVE_POW 1
```

```
6024 | #define HAVE_REALPATH 1
6025 | #define HAVE_RINT 1
6026 | #define HAVE_RMDIR 1
6027 | #define HAVE_SELECT 1
6028 | #define HAVE_SETENV 1
6029 | #define HAVE_SETLOCALE 1
6030 | #define HAVE_SOCKET 1
6031 | #define HAVE_SQRT 1
6032 | #define HAVE_STRCASECMP 1
6033 | #define HAVE_STRCHR 1
6034 | #define HAVE_STRDUP 1
6035 | #define HAVE_STRNCASECMP 1
6036 | #define HAVE_STRNDUP 1
6037 | #define HAVE_STRERROR 1
6038 | #define HAVE_STRRCHR 1
6039 | #define HAVE_STRSTR 1
6040 | #define HAVE_STRTOL 1
6041 | #define HAVE_UNAME 1
6042 | #define HAVE_LIBPTHREAD 1
6043 | #define HAVE_LIBCURSES 1
6044 | #define HAVE_LIBNCURSES 1
6045 | #define HAVE_LIBM 1
6046 | #define HAVE_LIBDL 1
6047 | #define HAVE_STRUCT_STAT_ST_BLOCKS 1
6048 | #define HAVE_ST_BLOCKS 1
6049 | #define HAVE_LIBCAIRO 1
6050 | #define HAVE_LIBPNG 1
6051 | #define HAVE_LIBZ 1
6052 | #define HAVE_SQLITE3 1
6053 | #define REALLY_WANT_SQLITE3 1
6054 | #define apl_SQLITE3 1
6055 | #define HAVE_RDTSC 1
6056 | #define HAVE_GETTIMEOFDAY 1
6057 | /* end confdefs.h. */
6058 | #include <semaphore.h>
6059 | int
6060 | main ()
6061 | {
6062 |     sem_t sema;
6063 |         sem_init(&sema, 0, 0);
6064 |
```

```
6065 |
6066 |   ;
6067 |   return 0;
6068 | }
6069 configure:21001: result: no
6070 configure:21008: checking whether pthread_setaffinity_np is
... available
6071 configure:21029: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk confctest.cpp >&5
6072 confctest.cpp:110:33: fatal error: 'ext/atomicity.h' file not
... found
6073         #include <ext/atomicity.h>
6074         ^~~~~~
6075 1 error generated.
6076 configure:21029: $? = 1
6077 configure: failed program was:
6078 | /* confdefs.h */
6079 | #define PACKAGE_NAME "GNU APL"
6080 | #define PACKAGE_TARNAME "apl"
6081 | #define PACKAGE_VERSION "1.8"
6082 | #define PACKAGE_STRING "GNU APL 1.8"
6083 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
6084 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
6085 | #define STDC_HEADERS 1
6086 | #define HAVE_SYS_TYPES_H 1
6087 | #define HAVE_SYS_STAT_H 1
6088 | #define HAVE_STDLIB_H 1
6089 | #define HAVE_STRING_H 1
6090 | #define HAVE_MEMORY_H 1
6091 | #define HAVE_STRINGS_H 1
6092 | #define HAVE_INTTYPES_H 1
6093 | #define HAVE_STDINT_H 1
6094 | #define HAVE_UNISTD_H 1
6095 | #define __EXTENSIONS__ 1
6096 | #define _ALL_SOURCE 1
6097 | #define _GNU_SOURCE 1
6098 | #define _POSIX_PTHREAD_SEMANTICS 1
6099 | #define _TANDEM_SOURCE 1
6100 | #define PACKAGE "apl"
6101 | #define VERSION "1.8"
6102 | #define HAVE_DLFCN_H 1
```

```
6103 | #define LT_OBJDIR ".libs/"
6104 | #define HAVE_NCURSES_H 1
6105 | #define HAVE_TERM_H 1
6106 | #define HAVE_DIRENT_H 1
6107 | #define HAVE_EXECINFO_H 1
6108 | #define HAVE_FCNTL_H 1
6109 | #define HAVE_FENV_H 1
6110 | #define HAVE_INTTYPES_H 1
6111 | #define HAVE_LIMITS_H 1
6112 | #define HAVE_NETDB_H 1
6113 | #define HAVE_PNG_H 1
6114 | #define HAVE_STDINT_H 1
6115 | #define HAVE_STDLIB_H 1
6116 | #define HAVE_STRING_H 1
6117 | #define HAVE_STRINGS_H 1
6118 | #define HAVE_TERMIOS_H 1
6119 | #define HAVE_UNISTD_H 1
6120 | #define HAVE_UTMPX_H 1
6121 | #define HAVE_ZLIB_H 1
6122 | #define HAVE_NETINET_IN_H 1
6123 | #define HAVE_SYS_IOCTL_H 1
6124 | #define HAVE_SYS_SOCKET_H 1
6125 | #define HAVE_SYS_TIME_H 1
6126 | #define HAVE_SYS_UN_H 1
6127 | #define CONFIGURE_ARGS "./configure "
6128 | #define HAVE_FORK 1
6129 | #define HAVE_VFORK 1
6130 | #define HAVE_WORKING_VFORK 1
6131 | #define HAVE_WORKING_FORK 1
6132 | #define HAVE_STDLIB_H 1
6133 | #define HAVE_MALLOC 1
6134 | #define TIME_WITH_SYS_TIME 1
6135 | #define HAVE_SYS_TIME_H 1
6136 | #define HAVE_UNISTD_H 1
6137 | #define HAVE_STDLIB_H 1
6138 | #define HAVE_SYS_PARAM_H 1
6139 | #define HAVE_ALARM 1
6140 | #define HAVE_GETPAGESIZE 1
6141 | #define HAVE_MMAP 1
6142 | #define HAVE_DUP2 1
6143 | #define HAVE_FLOOR 1
```



```
6144 | #define HAVE_GETCWD 1
6145 | #define HAVE_GETHOSTBYNAME 1
6146 | #define HAVE_GETTIMEOFDAY 1
6147 | #define HAVE_MEMSET 1
6148 | #define HAVE_MKDIR 1
6149 | #define HAVE_MODF 1
6150 | #define HAVE_MUNMAP 1
6151 | #define HAVE_POW 1
6152 | #define HAVE_REALPATH 1
6153 | #define HAVE_RINT 1
6154 | #define HAVE_RMDIR 1
6155 | #define HAVE_SELECT 1
6156 | #define HAVE_SETENV 1
6157 | #define HAVE_SETLOCALE 1
6158 | #define HAVE_SOCKET 1
6159 | #define HAVE_SQRT 1
6160 | #define HAVE_STRCASECMP 1
6161 | #define HAVE_STRCHR 1
6162 | #define HAVE_STRDUP 1
6163 | #define HAVE_STRNCASECMP 1
6164 | #define HAVE_STRNDUP 1
6165 | #define HAVE_STRERROR 1
6166 | #define HAVE_STRRCHR 1
6167 | #define HAVE_STRSTR 1
6168 | #define HAVE_STRTOL 1
6169 | #define HAVE_UNAME 1
6170 | #define HAVE_LIBPTHREAD 1
6171 | #define HAVE_LIBCURSES 1
6172 | #define HAVE_LIBNCURSES 1
6173 | #define HAVE_LIBM 1
6174 | #define HAVE_LIBDL 1
6175 | #define HAVE_STRUCT_STAT_ST_BLOCKS 1
6176 | #define HAVE_ST_BLOCKS 1
6177 | #define HAVE_LIBCAIRO 1
6178 | #define HAVE_LIBPNG 1
6179 | #define HAVE_LIBZ 1
6180 | #define HAVE_SQLITE3 1
6181 | #define REALLY_WANT_SQLITE3 1
6182 | #define apL_SQLITE3 1
6183 | #define HAVE_RDTSC 1
6184 | #define HAVE_GETTIMEOFDAY 1
```

```
6185 | /* end confdefs.h. */
6186 | #include <pthread.h>
6187 | #include <ext/atomicity.h>
6188 |
6189 | int
6190 | main ()
6191 | {
6192 |     cpu_set_t cpuset;
6193 |     pthread_setaffinity_np(0,
... sizeof(cpuset), &cpuset);
6194 |     pthread_getaffinity_np(0,
... sizeof(cpuset), &cpuset);
6195 |     _Atomic_word count = 0;
6196 |
... __gnu_cxx::__exchange_and_add_dispatch(&count, 1);
6197 |
... __gnu_cxx::__atomic_add_dispatch(&count, 1);
6198 |
6199 |     ;
6200 |     return 0;
6201 | }
6202 configure:21041: result: no
6203 configure:21047: checking whether pthread_setname_np is
... available
6204 configure:21063: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp >&5
6205 conftest.cpp:115:24: error: no matching function for call to
... 'pthread_setname_np'
6206 pthread_setname_np(thread,
... "thread_name");
6207 ^~~~~~
6208 /Applications/Xcode.app/Contents/Developer/Platforms/MacOSX.
... platform/Developer/SDKs/MacOSX.sdk/usr/include/pthread.h:513:5
... : note: candidate function not viable: requires 1 argument,
... but 2 were provided
6209 int pthread_setname_np(const char*);
6210 ^
6211 1 error generated.
6212 configure:21063: $? = 1
6213 configure: failed program was:
6214 | /* confdefs.h */
```

```
6215 | #define PACKAGE_NAME "GNU APL"
6216 | #define PACKAGE_TARNAME "apl"
6217 | #define PACKAGE_VERSION "1.8"
6218 | #define PACKAGE_STRING "GNU APL 1.8"
6219 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
6220 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
6221 | #define STDC_HEADERS 1
6222 | #define HAVE_SYS_TYPES_H 1
6223 | #define HAVE_SYS_STAT_H 1
6224 | #define HAVE_STDLIB_H 1
6225 | #define HAVE_STRING_H 1
6226 | #define HAVE_MEMORY_H 1
6227 | #define HAVE_STRINGS_H 1
6228 | #define HAVE_INTTYPES_H 1
6229 | #define HAVE_STDINT_H 1
6230 | #define HAVE_UNISTD_H 1
6231 | #define __EXTENSIONS__ 1
6232 | #define _ALL_SOURCE 1
6233 | #define _GNU_SOURCE 1
6234 | #define _POSIX_PTHREAD_SEMANTICS 1
6235 | #define _TANDEM_SOURCE 1
6236 | #define PACKAGE "apl"
6237 | #define VERSION "1.8"
6238 | #define HAVE_DLFCN_H 1
6239 | #define LT_OBJDIR ".libs/"
6240 | #define HAVE_NCURSES_H 1
6241 | #define HAVE_TERM_H 1
6242 | #define HAVE_DIRENT_H 1
6243 | #define HAVE_EXECINFO_H 1
6244 | #define HAVE_FCNTL_H 1
6245 | #define HAVE_FENV_H 1
6246 | #define HAVE_INTTYPES_H 1
6247 | #define HAVE_LIMITS_H 1
6248 | #define HAVE_NETDB_H 1
6249 | #define HAVE_PNG_H 1
6250 | #define HAVE_STDINT_H 1
6251 | #define HAVE_STDLIB_H 1
6252 | #define HAVE_STRING_H 1
6253 | #define HAVE_STRINGS_H 1
6254 | #define HAVE_TERMIOS_H 1
6255 | #define HAVE_UNISTD_H 1
```

```
6256 | #define HAVE_UTMPX_H 1
6257 | #define HAVE_ZLIB_H 1
6258 | #define HAVE_NETINET_IN_H 1
6259 | #define HAVE_SYS_IOCTL_H 1
6260 | #define HAVE_SYS_SOCKET_H 1
6261 | #define HAVE_SYS_TIME_H 1
6262 | #define HAVE_SYS_UN_H 1
6263 | #define CONFIGURE_ARGS "./configure "
6264 | #define HAVE_FORK 1
6265 | #define HAVE_VFORK 1
6266 | #define HAVE_WORKING_VFORK 1
6267 | #define HAVE_WORKING_FORK 1
6268 | #define HAVE_STDLIB_H 1
6269 | #define HAVE_MALLOC 1
6270 | #define TIME_WITH_SYS_TIME 1
6271 | #define HAVE_SYS_TIME_H 1
6272 | #define HAVE_UNISTD_H 1
6273 | #define HAVE_STDLIB_H 1
6274 | #define HAVE_SYS_PARAM_H 1
6275 | #define HAVE_ALARM 1
6276 | #define HAVE_GETPAGESIZE 1
6277 | #define HAVE_MMAP 1
6278 | #define HAVE_DUP2 1
6279 | #define HAVE_FLOOR 1
6280 | #define HAVE_GETCWD 1
6281 | #define HAVE_GETHOSTBYNAME 1
6282 | #define HAVE_GETTIMEOFDAY 1
6283 | #define HAVE_MEMSET 1
6284 | #define HAVE_MKDIR 1
6285 | #define HAVE_MODF 1
6286 | #define HAVE_MUNMAP 1
6287 | #define HAVE_POW 1
6288 | #define HAVE_REALPATH 1
6289 | #define HAVE_RINT 1
6290 | #define HAVE_RMDIR 1
6291 | #define HAVE_SELECT 1
6292 | #define HAVE_SETENV 1
6293 | #define HAVE_SETLOCALE 1
6294 | #define HAVE_SOCKET 1
6295 | #define HAVE_SQRT 1
6296 | #define HAVE_STRCASECMP 1
```

```
6297 | #define HAVE_STRCHR 1
6298 | #define HAVE_STRDUP 1
6299 | #define HAVE_STRNCASECMP 1
6300 | #define HAVE_STRNDUP 1
6301 | #define HAVE_STRERROR 1
6302 | #define HAVE_STRRCHR 1
6303 | #define HAVE_STRSTR 1
6304 | #define HAVE_STRTOL 1
6305 | #define HAVE_UNAME 1
6306 | #define HAVE_LIBPTHREAD 1
6307 | #define HAVE_LIBCURSES 1
6308 | #define HAVE_LIBNCURSES 1
6309 | #define HAVE_LIBM 1
6310 | #define HAVE_LIBDL 1
6311 | #define HAVE_STRUCT_STAT_ST_BLOCKS 1
6312 | #define HAVE_ST_BLOCKS 1
6313 | #define HAVE_LIBCAIRO 1
6314 | #define HAVE_LIBPNG 1
6315 | #define HAVE_LIBZ 1
6316 | #define HAVE_SQLITE3 1
6317 | #define REALLY_WANT_SQLITE3 1
6318 | #define apL_SQLITE3 1
6319 | #define HAVE_RDTSC 1
6320 | #define HAVE_GETTIMEOFDAY 1
6321 | /* end confdefs.h. */
6322 | #include <pthread.h>
6323 |
6324 | int
6325 | main ()
6326 | {
6327 |     pthread_t thread = 0;
6328 |                                     pthread_setname_np(thread,
... "thread_name");
6329 |
6330 |     ;
6331 |     return 0;
6332 | }
6333 | configure:21075: result: no
6334 | configure:21081: checking whether OSAtomicAdd32Barrier() is
... available
6335 | configure:21096: g++ -c -Wall -Werror conftest.cpp >&5
```

```
6336 conftest.cpp:113:2: error: 'OSAtomicAdd32Barrier' is
... deprecated: first deprecated in macOS 10.12 - Use
... std::atomic_fetch_add() from <atomic> instead
... [-Werror,-Wdeprecated-declarations]
6337 OSAtomicAdd32Barrier(0, 0);
6338 ^
6339 /Applications/Xcode.app/Contents/Developer/Platforms/MacOSX.
... platform/Developer/SDKs/MacOSX.sdk/usr/include/libkern/
... OSAtomicDeprecated.h:161:9: note: 'OSAtomicAdd32Barrier' has
... been explicitly marked deprecated here
6340 int32_t OSAtomicAdd32Barrier( int32_t __theAmount, volatile
... int32_t *__theValue );
6341 ^
6342 1 error generated.
6343 configure:21096: $? = 1
6344 configure: failed program was:
6345 | /* confdefs.h */
6346 | #define PACKAGE_NAME "GNU APL"
6347 | #define PACKAGE_TARNAME "apl"
6348 | #define PACKAGE_VERSION "1.8"
6349 | #define PACKAGE_STRING "GNU APL 1.8"
6350 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
6351 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
6352 | #define STDC_HEADERS 1
6353 | #define HAVE_SYS_TYPES_H 1
6354 | #define HAVE_SYS_STAT_H 1
6355 | #define HAVE_STDLIB_H 1
6356 | #define HAVE_STRING_H 1
6357 | #define HAVE_MEMORY_H 1
6358 | #define HAVE_STRINGS_H 1
6359 | #define HAVE_INTTYPES_H 1
6360 | #define HAVE_STDINT_H 1
6361 | #define HAVE_UNISTD_H 1
6362 | #define __EXTENSIONS__ 1
6363 | #define _ALL_SOURCE 1
6364 | #define _GNU_SOURCE 1
6365 | #define _POSIX_PTHREAD_SEMANTICS 1
6366 | #define _TANDEM_SOURCE 1
6367 | #define PACKAGE "apl"
6368 | #define VERSION "1.8"
6369 | #define HAVE_DLFCN_H 1
```

```
6370 | #define LT_OBJDIR ".libs/"
6371 | #define HAVE_NCURSES_H 1
6372 | #define HAVE_TERM_H 1
6373 | #define HAVE_DIRENT_H 1
6374 | #define HAVE_EXECINFO_H 1
6375 | #define HAVE_FCNTL_H 1
6376 | #define HAVE_FENV_H 1
6377 | #define HAVE_INTTYPES_H 1
6378 | #define HAVE_LIMITS_H 1
6379 | #define HAVE_NETDB_H 1
6380 | #define HAVE_PNG_H 1
6381 | #define HAVE_STDINT_H 1
6382 | #define HAVE_STDLIB_H 1
6383 | #define HAVE_STRING_H 1
6384 | #define HAVE_STRINGS_H 1
6385 | #define HAVE_TERMIOS_H 1
6386 | #define HAVE_UNISTD_H 1
6387 | #define HAVE_UTMPX_H 1
6388 | #define HAVE_ZLIB_H 1
6389 | #define HAVE_NETINET_IN_H 1
6390 | #define HAVE_SYS_IOCTL_H 1
6391 | #define HAVE_SYS_SOCKET_H 1
6392 | #define HAVE_SYS_TIME_H 1
6393 | #define HAVE_SYS_UN_H 1
6394 | #define CONFIGURE_ARGS "./configure "
6395 | #define HAVE_FORK 1
6396 | #define HAVE_VFORK 1
6397 | #define HAVE_WORKING_VFORK 1
6398 | #define HAVE_WORKING_FORK 1
6399 | #define HAVE_STDLIB_H 1
6400 | #define HAVE_MALLOC 1
6401 | #define TIME_WITH_SYS_TIME 1
6402 | #define HAVE_SYS_TIME_H 1
6403 | #define HAVE_UNISTD_H 1
6404 | #define HAVE_STDLIB_H 1
6405 | #define HAVE_SYS_PARAM_H 1
6406 | #define HAVE_ALARM 1
6407 | #define HAVE_GETPAGESIZE 1
6408 | #define HAVE_MMAP 1
6409 | #define HAVE_DUP2 1
6410 | #define HAVE_FLOOR 1
```

```
6411 | #define HAVE_GETCWD 1
6412 | #define HAVE_GETHOSTBYNAME 1
6413 | #define HAVE_GETTIMEOFDAY 1
6414 | #define HAVE_MEMSET 1
6415 | #define HAVE_MKDIR 1
6416 | #define HAVE_MODF 1
6417 | #define HAVE_MUNMAP 1
6418 | #define HAVE_POW 1
6419 | #define HAVE_REALPATH 1
6420 | #define HAVE_RINT 1
6421 | #define HAVE_RMDIR 1
6422 | #define HAVE_SELECT 1
6423 | #define HAVE_SETENV 1
6424 | #define HAVE_SETLOCALE 1
6425 | #define HAVE_SOCKET 1
6426 | #define HAVE_SQRT 1
6427 | #define HAVE_STRCASECMP 1
6428 | #define HAVE_STRCHR 1
6429 | #define HAVE_STRDUP 1
6430 | #define HAVE_STRNCASECMP 1
6431 | #define HAVE_STRNDUP 1
6432 | #define HAVE_STRERROR 1
6433 | #define HAVE_STRRCHR 1
6434 | #define HAVE_STRSTR 1
6435 | #define HAVE_STRTOL 1
6436 | #define HAVE_UNAME 1
6437 | #define HAVE_LIBPTHREAD 1
6438 | #define HAVE_LIBCURSES 1
6439 | #define HAVE_LIBNCURSES 1
6440 | #define HAVE_LIBM 1
6441 | #define HAVE_LIBDL 1
6442 | #define HAVE_STRUCT_STAT_ST_BLOCKS 1
6443 | #define HAVE_ST_BLOCKS 1
6444 | #define HAVE_LIBCAIRO 1
6445 | #define HAVE_LIBPNG 1
6446 | #define HAVE_LIBZ 1
6447 | #define HAVE_SQLITE3 1
6448 | #define REALLY_WANT_SQLITE3 1
6449 | #define apL_SQLITE3 1
6450 | #define HAVE_RDTSC 1
6451 | #define HAVE_GETTIMEOFDAY 1
```



```
6452 | /* end confdefs.h. */
6453 | #include <libkern/OSAtomic.h>
6454 | int
6455 | main ()
6456 | {
6457 |   OSAtomicAdd32Barrier(0, 0);
6458 |   ;
6459 |   return 0;
6460 | }
6461 configure:21109: result: no
6462 configure:21115: checking whether atomic_add_32_nv() is
... available
6463 configure:21130: g++ -c -g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk conftest.cpp >&5
6464 conftest.cpp:109:11: fatal error: 'atomic.h' file not found
6465 #include <atomic.h>
6466         ^~~~~~
6467 1 error generated.
6468 configure:21130: $? = 1
6469 configure: failed program was:
6470 | /* confdefs.h */
6471 | #define PACKAGE_NAME "GNU APL"
6472 | #define PACKAGE_TARNAME "apl"
6473 | #define PACKAGE_VERSION "1.8"
6474 | #define PACKAGE_STRING "GNU APL 1.8"
6475 | #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
6476 | #define PACKAGE_URL "http://www.gnu.org/software/apl/"
6477 | #define STDC_HEADERS 1
6478 | #define HAVE_SYS_TYPES_H 1
6479 | #define HAVE_SYS_STAT_H 1
6480 | #define HAVE_STDLIB_H 1
6481 | #define HAVE_STRING_H 1
6482 | #define HAVE_MEMORY_H 1
6483 | #define HAVE_STRINGS_H 1
6484 | #define HAVE_INTTYPES_H 1
6485 | #define HAVE_STDINT_H 1
6486 | #define HAVE_UNISTD_H 1
6487 | #define __EXTENSIONS__ 1
6488 | #define _ALL_SOURCE 1
6489 | #define _GNU_SOURCE 1
6490 | #define _POSIX_PTHREAD_SEMANTICS 1
```

```
6491 | #define _TANDEM_SOURCE 1
6492 | #define PACKAGE "apl"
6493 | #define VERSION "1.8"
6494 | #define HAVE_DLFCN_H 1
6495 | #define LT_OBJDIR ".libs/"
6496 | #define HAVE_NCURSES_H 1
6497 | #define HAVE_TERM_H 1
6498 | #define HAVE_DIRENT_H 1
6499 | #define HAVE_EXECINFO_H 1
6500 | #define HAVE_FCNTL_H 1
6501 | #define HAVE_FENV_H 1
6502 | #define HAVE_INTPYPES_H 1
6503 | #define HAVE_LIMITS_H 1
6504 | #define HAVE_NETDB_H 1
6505 | #define HAVE_PNG_H 1
6506 | #define HAVE_STDINT_H 1
6507 | #define HAVE_STDLIB_H 1
6508 | #define HAVE_STRING_H 1
6509 | #define HAVE_STRINGS_H 1
6510 | #define HAVE_TERMIOS_H 1
6511 | #define HAVE_UNISTD_H 1
6512 | #define HAVE_UTMPX_H 1
6513 | #define HAVE_ZLIB_H 1
6514 | #define HAVE_NETINET_IN_H 1
6515 | #define HAVE_SYS_IOCTL_H 1
6516 | #define HAVE_SYS_SOCKET_H 1
6517 | #define HAVE_SYS_TIME_H 1
6518 | #define HAVE_SYS_UN_H 1
6519 | #define CONFIGURE_ARGS "./configure "
6520 | #define HAVE_FORK 1
6521 | #define HAVE_VFORK 1
6522 | #define HAVE_WORKING_VFORK 1
6523 | #define HAVE_WORKING_FORK 1
6524 | #define HAVE_STDLIB_H 1
6525 | #define HAVE_MALLOC 1
6526 | #define TIME_WITH_SYS_TIME 1
6527 | #define HAVE_SYS_TIME_H 1
6528 | #define HAVE_UNISTD_H 1
6529 | #define HAVE_STDLIB_H 1
6530 | #define HAVE_SYS_PARAM_H 1
6531 | #define HAVE_ALARM 1
```

```
6532 | #define HAVE_GETPAGESIZE 1
6533 | #define HAVE_MMAP 1
6534 | #define HAVE_DUP2 1
6535 | #define HAVE_FLOOR 1
6536 | #define HAVE_GETCWD 1
6537 | #define HAVE_GETHOSTBYNAME 1
6538 | #define HAVE_GETTIMEOFDAY 1
6539 | #define HAVE_MEMSET 1
6540 | #define HAVE_MKDIR 1
6541 | #define HAVE_MODF 1
6542 | #define HAVE_MUNMAP 1
6543 | #define HAVE_POW 1
6544 | #define HAVE_REALPATH 1
6545 | #define HAVE_RINT 1
6546 | #define HAVE_RMDIR 1
6547 | #define HAVE_SELECT 1
6548 | #define HAVE_SETENV 1
6549 | #define HAVE_SETLOCALE 1
6550 | #define HAVE_SOCKET 1
6551 | #define HAVE_SQRT 1
6552 | #define HAVE_STRCASECMP 1
6553 | #define HAVE_STRCHR 1
6554 | #define HAVE_STRDUP 1
6555 | #define HAVE_STRNCASECMP 1
6556 | #define HAVE_STRNDUP 1
6557 | #define HAVE_STRERROR 1
6558 | #define HAVE_STRRCHR 1
6559 | #define HAVE_STRSTR 1
6560 | #define HAVE_STRTOL 1
6561 | #define HAVE_UNAME 1
6562 | #define HAVE_LIBPTHREAD 1
6563 | #define HAVE_LIBCURSES 1
6564 | #define HAVE_LIBNCURSES 1
6565 | #define HAVE_LIBM 1
6566 | #define HAVE_LIBDL 1
6567 | #define HAVE_STRUCT_STAT_ST_BLOCKS 1
6568 | #define HAVE_ST_BLOCKS 1
6569 | #define HAVE_LIBCAIRO 1
6570 | #define HAVE_LIBPNG 1
6571 | #define HAVE_LIBZ 1
6572 | #define HAVE_SQLITE3 1
```

```
6573 | #define REALLY_WANT_SQLITE3 1
6574 | #define apl_SQLITE3 1
6575 | #define HAVE_RDTSC 1
6576 | #define HAVE_GETTIMEOFDAY 1
6577 | /* end confdefs.h. */
6578 | #include <atomic.h>
6579 | int
6580 | main ()
6581 | {
6582 |     atomic_add_32_nv(0, 0);
6583 |         atomic_add_32    (0, 0);
6584 |
6585 |     ;
6586 |     return 0;
6587 | }
6588 configure:21142: result: no
6589 configure:21147: checking whether we compile for an i686 CPU
6590 configure:21153: result: no
6591 configure:21162: checking if ctrl-D shall delete one char (and
... ctrl-Z be EOF)
6592 configure:21178: result: no
6593 configure:21192: checking if we are compiling for Android
6594 configure:21216: result: no
6595 configure:21222: checking if we want to build an erlang
... interface (implies libapl.so)
6596 configure:21248: result: no
6597 configure:21255: checking if we want to build libapl.so
6598 configure:21279: result: no
6599 configure:21286: checking if we want to build libpython_apl.so
6600 configure:21357: result: no
6601 configure:21420: checking whether internal performance
... counters shall be enabled)
6602 configure:21431: result: no
6603 configure:21436: checking whether to remember the history of
... APL values (debug feature)
6604 configure:21447: result: no
6605 configure:21452: checking whether gprof profiling shall be
... enabled
6606 configure:21461: result: no
6607 configure:21472: checking whether gcov coverage testing shall
... be enabled
```

```
6608 configure:21481: result: no
6609 configure:21487: checking whether dynamic logging shall be
... enabled
6610 configure:21498: result: no
6611 configure:21503: checking whether value flags shall be traced
6612 configure:21514: result: no
6613 configure:21519: checking how picky (0=not, 1=somewhat, 2=very)
... internal tests shall be
6614 configure:21528: result: 1
6615 configure:21533: checking security level (0=none, 1=configured
... in preferences, 2=all)
6616 configure:21542: result: 0
6617 configure:21547: checking how many CPU cores shall be used by
... APL (experimental!)
6618 configure:21563: result: 0
6619 configure:21568: checking which type of socket APserver shall
... use
6620 configure:21581: result: 0
6621 configure:21586: checking which port number APserver shall use
... for TCP or UDP sockets
6622 configure:21595: result: 16366
6623 configure:21600: checking which unix port name APserver shall
... use
6624 configure:21609: result: /tmp/GNU-APL/APserver
6625 configure:21614: checking how long a short APL value shall be
... at most
6626 configure:21623: result: 12
6627 configure:21628: checking whether visible markers shall be
... used
6628 configure:21639: result: no
6629 configure:21644: checking whether support for rational numbers
... is desired
6630 configure:21655: result: no
6631 configure:21770: checking that generated files are newer than
... configure
6632 configure:21776: result: done
6633 configure:21851: creating ./config.status
6634
6635 ## ----- ##
6636 ## Running config.status. ##
6637 ## ----- ##
```

```
6638
6639 This file was extended by GNU APL config.status 1.8, which was
6640 generated by GNU Autoconf 2.69.  Invocation command line was
6641
6642     CONFIG_FILES   =
6643     CONFIG_HEADERS =
6644     CONFIG_LINKS   =
6645     CONFIG_COMMANDS =
6646     $ ./config.status
6647
6648 on Gandalf
6649
6650 config.status:1340: creating Makefile
6651 config.status:1340: creating build/Makefile
6652 config.status:1340: creating debian/Makefile
6653 config.status:1340: creating debian/source/Makefile
6654 config.status:1340: creating doc/Makefile
6655 config.status:1340: creating doc/DALY/Makefile
6656 config.status:1340: creating erlang/Makefile
6657 config.status:1340: creating erlang/apl.erl
6658 config.status:1340: creating gnu-apl.d/Makefile
6659 config.status:1340: creating gnu-apl.d/preferences
6660 config.status:1340: creating HOWTOs/Makefile
6661 config.status:1340: creating rpm/Makefile
6662 config.status:1340: creating rpm/apl.spec
6663 config.status:1340: creating src/Makefile
6664 config.status:1340: creating src/APs/Makefile
6665 config.status:1340: creating src/Gtk/Makefile
6666 config.status:1340: creating src/emacs_mode/Makefile
6667 config.status:1340: creating src/native/Makefile
6668 config.status:1340: creating src/sql/Makefile
6669 config.status:1340: creating src/testcases/Makefile
6670 config.status:1340: creating src/workspaces/Makefile
6671 config.status:1340: creating support-files/Makefile
6672 config.status:1340: creating
... support-files/105-key-International-Keyboard/Makefile
6673 config.status:1340: creating
... support-files/Bill_Daly_Ubuntu/Makefile
6674 config.status:1340: creating support-files/Dirk/Makefile
6675 config.status:1340: creating
... support-files/Dyalog-Keyboard/Makefile
```

```
6676 config.status:1340: creating
... support-files/Juergen-Mint-19/Makefile
6677 config.status:1340: creating
... support-files/old-Keyboards/Makefile
6678 config.status:1340: creating
... support-files/OS-X-Keyboards/Makefile
6679 config.status:1340: creating
... support-files/Unicomp-Keyboards/Makefile
6680 config.status:1340: creating
... support-files/WASD-Keyboards/Makefile
6681 config.status:1340: creating tools/Makefile
6682 config.status:1340: creating websock/Makefile
6683 config.status:1340: creating websock/client/Makefile
6684 config.status:1340: creating websock/server/Makefile
6685 config.status:1340: creating workspaces/Makefile
6686 config.status:1340: creating wslib3/Makefile
6687 config.status:1340: creating wslib3/DALY/Makefile
6688 config.status:1340: creating wslib4/Makefile
6689 config.status:1340: creating wslib5/Makefile
6690 config.status:1340: creating wslib5/APLComponentFiles/Makefile
6691 config.status:1340: creating wslib5/DALY/Makefile
6692 config.status:1340: creating wslib5/iso-apl-cf/Makefile
6693 config.status:1340: creating config.h
6694 config.status:1521: config.h is unchanged
6695 config.status:1569: executing depfiles commands
6696 config.status:1569: executing libtool commands
6697
6698 ## ----- ##
6699 ## Cache variables. ##
6700 ## ----- ##
6701
6702 ac_cv_build=x86_64-apple-darwin18.7.0
6703 ac_cv_c_compiler_gnu=yes
6704 ac_cv_c_inline=inline
6705 ac_cv_c_int16_t=yes
6706 ac_cv_c_int32_t=yes
6707 ac_cv_c_int64_t=yes
6708 ac_cv_c_uint16_t=yes
6709 ac_cv_c_uint32_t=yes
6710 ac_cv_c_uint64_t=yes
6711 ac_cv_c_uint8_t=yes
```

```
6712 ac_cv_cxx_compiler_gnu=yes
6713 ac_cv_env_APSEVER_PATH_set=
6714 ac_cv_env_APSEVER_PATH_value=
6715 ac_cv_env_APSEVER_PORT_set=
6716 ac_cv_env_APSEVER_PORT_value=
6717 ac_cv_env_APSEVER_TRANSPORT_set=
6718 ac_cv_env_APSEVER_TRANSPORT_value=
6719 ac_cv_env_ASSERT_LEVEL_WANTED_set=
6720 ac_cv_env_ASSERT_LEVEL_WANTED_value=
6721 ac_cv_env_CCC_set=
6722 ac_cv_env_CCC_value=
6723 ac_cv_env_CC_set=
6724 ac_cv_env_CC_value=
6725 ac_cv_env_CFLAGS_set=
6726 ac_cv_env_CFLAGS_value=
6727 ac_cv_env_CORE_COUNT_WANTED_set=
6728 ac_cv_env_CORE_COUNT_WANTED_value=
6729 ac_cv_env_CPPFLAGS_set=
6730 ac_cv_env_CPPFLAGS_value=
6731 ac_cv_env_CPP_set=
6732 ac_cv_env_CPP_value=
6733 ac_cv_env_CXXCPP_set=
6734 ac_cv_env_CXXCPP_value=
6735 ac_cv_env_CXXFLAGS_set=
6736 ac_cv_env_CXXFLAGS_value=
6737 ac_cv_env_CXX_WERROR_set=
6738 ac_cv_env_CXX_WERROR_value=
6739 ac_cv_env_CXX_set=
6740 ac_cv_env_CXX_value=
6741 ac_cv_env_DEVELOP_WANTED_set=
6742 ac_cv_env_DEVELOP_WANTED_value=
6743 ac_cv_env_DYNAMIC_LOG_WANTED_set=
6744 ac_cv_env_DYNAMIC_LOG_WANTED_value=
6745 ac_cv_env_GCOV_WANTED_set=
6746 ac_cv_env_GCOV_WANTED_value=
6747 ac_cv_env_GPROF_WANTED_set=
6748 ac_cv_env_GPROF_WANTED_value=
6749 ac_cv_env_LDFLAGS_set=
6750 ac_cv_env_LDFLAGS_value=
6751 ac_cv_env_LIBS_set=
6752 ac_cv_env_LIBS_value=
```



```
6753 ac_cv_env_LT_SYS_LIBRARY_PATH_set=
6754 ac_cv_env_LT_SYS_LIBRARY_PATH_value=
6755 ac_cv_env_MAX_RANK_WANTED_set=
6756 ac_cv_env_MAX_RANK_WANTED_value=
6757 ac_cv_env_PERFORMANCE_COUNTERS_WANTED_set=
6758 ac_cv_env_PERFORMANCE_COUNTERS_WANTED_value=
6759 ac_cv_env_RATIONAL_NUMBERS_WANTED_set=
6760 ac_cv_env_RATIONAL_NUMBERS_WANTED_value=
6761 ac_cv_env_SECURITY_LEVEL_WANTED_set=
6762 ac_cv_env_SECURITY_LEVEL_WANTED_value=
6763 ac_cv_env_SHORT_VALUE_LENGTH_WANTED_set=
6764 ac_cv_env_SHORT_VALUE_LENGTH_WANTED_value=
6765 ac_cv_env_VALUE_CHECK_WANTED_set=
6766 ac_cv_env_VALUE_CHECK_WANTED_value=
6767 ac_cv_env_VALUE_HISTORY_WANTED_set=
6768 ac_cv_env_VALUE_HISTORY_WANTED_value=
6769 ac_cv_env_VF_TRACING_WANTED_set=
6770 ac_cv_env_VF_TRACING_WANTED_value=
6771 ac_cv_env_VISIBLE_MARKERS_WANTED_set=
6772 ac_cv_env_VISIBLE_MARKERS_WANTED_value=
6773 ac_cv_env_XMKMF_set=
6774 ac_cv_env_XMKMF_value=
6775 ac_cv_env_build_alias_set=
6776 ac_cv_env_build_alias_value=
6777 ac_cv_env_host_alias_set=
6778 ac_cv_env_host_alias_value=
6779 ac_cv_env_target_alias_set=
6780 ac_cv_env_target_alias_value=
6781 ac_cv_func_alarm=yes
6782 ac_cv_func_dup2=yes
6783 ac_cv_func_floor=yes
6784 ac_cv_func_fork=yes
6785 ac_cv_func_fork_works=yes
6786 ac_cv_func_getcwd=yes
6787 ac_cv_func_gethostbyname=yes
6788 ac_cv_func_getpagesize=yes
6789 ac_cv_func_gettimeofday=yes
6790 ac_cv_func_malloc_0_nonnull=yes
6791 ac_cv_func_memset=yes
6792 ac_cv_func_mkdir=yes
6793 ac_cv_func_mmap_fixed_mapped=yes
```

```
6794 ac_cv_func_modf=yes
6795 ac_cv_func_munmap=yes
6796 ac_cv_func_pow=yes
6797 ac_cv_func_realpath=yes
6798 ac_cv_func_rint=yes
6799 ac_cv_func_rmdir=yes
6800 ac_cv_func_select=yes
6801 ac_cv_func_setenv=yes
6802 ac_cv_func_setlocale=yes
6803 ac_cv_func_socket=yes
6804 ac_cv_func_sqrt=yes
6805 ac_cv_func_strcasecmp=yes
6806 ac_cv_func strchr=yes
6807 ac_cv_func_strdup=yes
6808 ac_cv_func_strerror=yes
6809 ac_cv_func_strncasecmp=yes
6810 ac_cv_func_strndup=yes
6811 ac_cv_func strrchr=yes
6812 ac_cv_func strstr=yes
6813 ac_cv_func strtod=yes
6814 ac_cv_func strtol=yes
6815 ac_cv_func_uname=yes
6816 ac_cv_func_vfork=yes
6817 ac_cv_func_vfork_works=yes
6818 ac_cv_func_working_mktime=no
6819 ac_cv_have_x='have_x=yes
... ac_x_includes='\''/usr/X11/include'\''
... ac_x_libraries='\''/usr/X11/lib'\''
6820 ac_cv_header_X11_Xlib_h=no
6821 ac_cv_header_X11_Xlib_xcb_h=no
6822 ac_cv_header_X11_Xutil_h=no
6823 ac_cv_header_dirent_h=yes
6824 ac_cv_header_dlfcn_h=yes
6825 ac_cv_header_execinfo_h=yes
6826 ac_cv_header_ext_atomicity_h=no
6827 ac_cv_header_fcntl_h=yes
6828 ac_cv_header_fenv_h=yes
6829 ac_cv_header_fftw3_h=no
6830 ac_cv_header_inttypes_h=yes
6831 ac_cv_header_limits_h=yes
6832 ac_cv_header_malloc_h=no
```

```
6833 ac_cv_header_memory_h=yes
6834 ac_cv_header_minix_config_h=no
6835 ac_cv_header_ncurses_h=yes
6836 ac_cv_header_netdb_h=yes
6837 ac_cv_header_netinet_in_h=yes
6838 ac_cv_header_png_h=yes
6839 ac_cv_header_postgresql_libpq_fe_h=no
6840 ac_cv_header_sqlite3_h=yes
6841 ac_cv_header_stdbool_h=no
6842 ac_cv_header_stdc=yes
6843 ac_cv_header_stdint_h=yes
6844 ac_cv_header_stdlib_h=yes
6845 ac_cv_header_string_h=yes
6846 ac_cv_header_strings_h=yes
6847 ac_cv_header_sys_ioctl_h=yes
6848 ac_cv_header_sys_param_h=yes
6849 ac_cv_header_sys_socket_h=yes
6850 ac_cv_header_sys_stat_h=yes
6851 ac_cv_header_sys_time_h=yes
6852 ac_cv_header_sys_types_h=yes
6853 ac_cv_header_sys_un_h=yes
6854 ac_cv_header_term_h=yes
6855 ac_cv_header_termios_h=yes
6856 ac_cv_header_time=yes
6857 ac_cv_header_unistd_h=yes
6858 ac_cv_header_utmpx_h=yes
6859 ac_cv_header_vfork_h=no
6860 ac_cv_header_xcb_xcb_h=no
6861 ac_cv_header_xcb_xproto_h=no
6862 ac_cv_header_zlib_h=yes
6863 ac_cv_host=x86_64-apple-darwin18.7.0
6864 ac_cv_lib_X11_XOpenDisplay=no
6865 ac_cv_lib_X11_xcb_XGetXCBConnection=no
6866 ac_cv_lib_atomicity__atomic_fetch_add_4=no
6867 ac_cv_lib_c_initstate_r=no
6868 ac_cv_lib_cairo_cairo_fill=yes
6869 ac_cv_lib_curses_setupterm=yes
6870 ac_cv_lib_dl_dlopen=yes
6871 ac_cv_lib_error_at_line=no
6872 ac_cv_lib_execinfo_backtrace=no
6873 ac_cv_lib_fftw3_fftw_plan_dft=no
```

```
6874 ac_cv_lib_gdk_3_gdk_init=no
6875 ac_cv_lib_gtk_3_gtk_init=no
6876 ac_cv_lib_m_acosh=yes
6877 ac_cv_lib_ncurses_setupterm=yes
6878 ac_cv_lib_nsl_yp_all=no
6879 ac_cv_lib_pcre2_32_pcre2_compile_32=no
6880 ac_cv_lib_png_png_init_io=yes
6881 ac_cv_lib_pthread_sem_init=yes
6882 ac_cv_lib_socket_socket=no
6883 ac_cv_lib_tinfo_tparm=no
6884 ac_cv_lib_xcb_xcb_connect=no
6885 ac_cv_lib_z_uncompress=yes
6886 ac_cv_member_stat_st_blksize_stat_st_rdev=no
6887 ac_cv_member_struct_stat_st_blocks=yes
6888 ac_cv_objext=o
6889 ac_cv_path_EGREP='/usr/bin/grep -E'
6890 ac_cv_path_FGREP='/usr/bin/grep -F'
6891 ac_cv_path_GREP=/usr/bin/grep
6892 ac_cv_path_PKG_CONFIG=/usr/local/bin/pkg-config
6893 ac_cv_path_SED=/usr/bin/sed
6894 ac_cv_path_install='/usr/bin/install -c'
6895 ac_cv_path_lt_DD=/bin/dd
6896 ac_cv_prog_AWK=awk
6897 ac_cv_prog_CPP='gcc -E'
6898 ac_cv_prog_CXXCPP='g++ -E'
6899 ac_cv_prog_ac_ct_AR=ar
6900 ac_cv_prog_ac_ct_CC=gcc
6901 ac_cv_prog_ac_ct_CXX=g++
6902 ac_cv_prog_ac_ct_DSYMUTIL=dsymutil
6903 ac_cv_prog_ac_ct_LIPO=lipo
6904 ac_cv_prog_ac_ct_NMEDIT=nmedit
6905 ac_cv_prog_ac_ct_OBJDUMP=objdump
6906 ac_cv_prog_ac_ct_OTOOL=otool
6907 ac_cv_prog_ac_ct_RANLIB=ranlib
6908 ac_cv_prog_ac_ct_STRIP=strip
6909 ac_cv_prog_cc_c89=
6910 ac_cv_prog_cc_g=yes
6911 ac_cv_prog_cxx_g=yes
6912 ac_cv_prog_make_make_set=yes
6913 ac_cv_safe_to_define___extensions__=yes
6914 ac_cv_type__Bool=no
```

```
6915 ac_cv_type_off_t=yes
6916 ac_cv_type_pid_t=yes
6917 ac_cv_type_size_t=yes
6918 ac_cv_type_ssize_t=yes
6919 am_cv_CC_dependencies_compiler_type=gcc3
6920 am_cv_CXX_dependencies_compiler_type=gcc3
6921 am_cv_make_support_nested_variables=yes
6922 am_cv_prog_cc_c_o=yes
6923 lt_cv_apple_cc_single_mod=yes
6924 lt_cv_ar_at_file=no
6925 lt_cv_deplibs_check_method=pass_all
6926 lt_cv_dlopen=dlopen
6927 lt_cv_dlopen_libs=-ldl
6928 lt_cv_dlopen_self=yes
6929 lt_cv_dlopen_self_static=yes
6930 lt_cv_file_magic_cmd='$MAGIC_CMD'
6931 lt_cv_file_magic_test_file=
6932 lt_cv_ld_exported_symbols_list=yes
6933 lt_cv_ld_force_load=yes
6934 lt_cv_ld_reload_flag=-r
6935 lt_cv_nm_interface='BSD nm'
6936 lt_cv_objdir=.libs
6937 lt_cv_path_LD=/Applications/Xcode.app/Contents/Developer/
... Toolchains/XcodeDefault.xctoolchain/usr/bin/ld
6938 lt_cv_path_LDCXX=/Applications/Xcode.app/Contents/Developer/
... Toolchains/XcodeDefault.xctoolchain/usr/bin/ld
6939 lt_cv_path_NM='/usr/bin/nm -B'
6940 lt_cv_path_manifest_tool=no
6941 lt_cv_prog_compiler_c_o=yes
6942 lt_cv_prog_compiler_c_o_CXX=yes
6943 lt_cv_prog_compiler_pic='-fno-common -DPIC'
6944 lt_cv_prog_compiler_pic_CXX='-fno-common -DPIC'
6945 lt_cv_prog_compiler_pic_works=yes
6946 lt_cv_prog_compiler_pic_works_CXX=yes
6947 lt_cv_prog_compiler_rtti_exceptions=yes
6948 lt_cv_prog_compiler_static_works=no
6949 lt_cv_prog_compiler_static_works_CXX=no
6950 lt_cv_prog_gnu_ld=no
6951 lt_cv_prog_gnu_ldcxx=no
6952 lt_cv_sharedlib_from_linklib_cmd='printf %s\n'
6953 lt_cv_sys_global_symbol_pipe='sed -n -e '\`'s/^.*[
```

```
6953... ]\([BCDEGRST][BCDEGRST]*\)[
... ]*_\[[_A-Za-z][_A-Za-z0-9]*\)$/\1 _2 \2/p'\'' | sed '\''/
... __gnu_lto/d'\''
6954 lt_cv_sys_global_symbol_to_c_name_address='sed -n -e '\''s/^:
... \(.*\)\ .*$/ {"\1", (void *) 0},/p'\'' -e
... '\''s/^[BCDEGRST][BCDEGRST]* .* \(.*\)$/ {"\1", (void *)
... \&\1},/p'\''
6955 lt_cv_sys_global_symbol_to_c_name_address_lib_prefix='sed -n
... -e '\''s/^: \(.*\)\ .*$/ {"\1", (void *) 0},/p'\'' -e
... '\''s/^[BCDEGRST][BCDEGRST]* .* \(\lib.*\)$/ {"\1", (void *)
... \&\1},/p'\'' -e '\''s/^[BCDEGRST][BCDEGRST]* .* \(.*\)$/
... {"lib\1", (void *) \&\1},/p'\''
6956 lt_cv_sys_global_symbol_to_cdecl='sed -n -e '\''s/^T .*
... \(.*\)$/extern int \1();/p'\'' -e '\''s/^[BCDEGRST][BCDEGRST]*
... .* \(.*\)$/extern char \1;/p'\''
6957 lt_cv_sys_global_symbol_to_import=
6958 lt_cv_sys_max_cmd_len=196608
6959 lt_cv_to_host_file_cmd=func_convert_file_noop
6960 lt_cv_to_tool_file_cmd=func_convert_file_noop
6961 lt_cv_truncate_bin='/bin/dd bs=4096 count=1'
6962
6963 ## ----- ##
6964 ## Output variables. ##
6965 ## ----- ##
6966
6967 ACLOCAL='${SHELL}
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk/missing
... aclocal-1.15'
6968 AMDEPBACKSLASH='\ '
6969 AMDEP_FALSE='#'
6970 AMDEP_TRUE=''
6971 AMTAR='${TAR-tar}'
6972 AM_BACKSLASH='\ '
6973 AM_DEFAULT_V='${AM_DEFAULT_VERBOSITY}'
6974 AM_DEFAULT_VERBOSITY='1'
6975 AM_V='${V}'
6976 APSERVER_PATH='/tmp/GNU-APL/APserver'
6977 APSERVER_PORT='16366'
6978 APSERVER_TRANSPORT='0'
6979 AR='ar'
6980 ASSERT_LEVEL_WANTED='1'
```

```
6981 AUTOCONF='${SHELL}'
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk/missing autoconf'
6982 AUTOHEADER='${SHELL}'
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk/missing
... autoheader'
6983 AUTOMAKE='${SHELL}'
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk/missing
... automake-1.15'
6984 AWK='awk'
6985 CC='gcc'
6986 CCDEPMODE='depmode=gcc3'
6987 CFLAGS='-g -O2'
6988 CORE_COUNT_WANTED='0'
6989 CPP='gcc -E'
6990 CPPFLAGS=''
6991 CXX='g++'
6992 CXXCPP='g++ -E'
6993 CXXDEPMODE='depmode=gcc3'
6994 CXXFLAGS='-g -O2 -I
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk'
6995 CXX_WERROR=''
6996 CYGPATH_W='echo'
6997 DEFS='-DHAVE_CONFIG_H'
6998 DEPDIR='.deps'
6999 DEVELOP_WANTED=''
7000 DLLTOOL='false'
7001 DSYMUTIL='dsymutil'
7002 DUMPBIN=''
7003 DYNAMIC_LOG_WANTED='no'
7004 ECHO_C='\c'
7005 ECHO_N=''
7006 ECHO_T=''
7007 EGREP='/usr/bin/grep -E'
7008 EXEEXT=''
7009 FGREP='/usr/bin/grep -F'
7010 GCOV_WANTED=''
7011 GPROF_WANTED=''
7012 GREP='/usr/bin/grep'
7013 GTK_CFLAGS=''
7014 GTK_LDFLAGS=''
7015 HAVE_SEM_INIT_FALSE=''
```

```
7016 HAVE_SEM_INIT_TRUE='#'
7017 INSTALL_DATA='${INSTALL} -m 644'
7018 INSTALL_PROGRAM='${INSTALL}'
7019 INSTALL_SCRIPT='${INSTALL}'
7020 INSTALL_STRIP_PROGRAM='$(install_sh) -c -s'
7021 LD='/Applications/Xcode.app/Contents/Developer/Toolchains/
... XcodeDefault.xctoolchain/usr/bin/ld'
7022 LDFLAGS=''
7023 LIBOBJJS=' ${LIBOBJDIR}error$U.o ${LIBOBJDIR}mktime$U.o'
7024 LIBS='-lz -lpng -lcairo -ldl -lm -lncurses -lcurses -lpthread
...'
7025 LIBTOOL='$(SHELL) $(top_builddir)/libtool'
7026 LIPO='lipo'
7027 LN_S='ln -s'
7028 LTLIBOBJJS=' ${LIBOBJDIR}error$U.lo ${LIBOBJDIR}mktime$U.lo'
7029 LT_SYS_LIBRARY_PATH=''
7030 MAINT='#'
7031 MAINTAINER_MODE_FALSE=''
7032 MAINTAINER_MODE_TRUE='#'
7033 MAKEINFO='${SHELL}
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk/missing makeinfo'
7034 MANIFEST_TOOL=':'
7035 MAX_RANK_WANTED='8'
7036 MKDIR_P='./install-sh -c -d'
7037 NM='/usr/bin/nm -B'
7038 NMEDIT='nmedit'
7039 OBJDUMP='objdump'
7040 OBJEXT='o'
7041 OTTOOL64=':'
7042 OTTOOL='otool'
7043 PACKAGE='apl'
7044 PACKAGE_BUGREPORT='bug-apl@gnu.org'
7045 PACKAGE_NAME='dummy'
7046 PACKAGE_STRING='GNU APL 1.8'
7047 PACKAGE_TARNAME='apl'
7048 PACKAGE_URL='http://www.gnu.org/software/apl/'
7049 PACKAGE_VERSION='pkg-config'
7050 PATH_SEPARATOR=':'
7051 PCRE_CFLAGS=''
7052 PCRE_LIBS=''
7053 PERFORMANCE_COUNTERS_WANTED='no'
```



```
7054 PG_CONFIG=' '
7055 PKG_CONFIG='/usr/local/bin/pkg-config'
7056 POSTGRESQL_CFLAGS=' '
7057 POSTGRESQL_LDFLAGS=' '
7058 POSTGRESQL_VERSION=' '
7059 POW_LIB=' '
7060 PYTHON_CFLAGS=' '
7061 RANLIB='ranlib'
7062 RATIONAL_NUMBERS_WANTED='no'
7063 SECURITY_LEVEL_WANTED='0'
7064 SED='/usr/bin/sed'
7065 SET_MAKE=' '
7066 SHELL='/bin/sh'
7067 SHORT_VALUE_LENGTH_WANTED='12'
7068 SQLITE3_CFLAGS='-I/usr/local/include'
7069 SQLITE3_LDFLAGS='-L/usr/local/lib -lsqlite3'
7070 SQLITE3_VERSION='3.39.4'
7071 STRIP='strip'
7072 VALUE_CHECK_WANTED=' '
7073 VALUE_HISTORY_WANTED='no'
7074 VERSION='1.8'
7075 VF_TRACING_WANTED='no'
7076 VISIBLE_MARKERS_WANTED='no'
7077 XMKMF=' '
7078 ac_ct_AR='ar'
7079 ac_ct_CC='gcc'
7080 ac_ct_CXX='g++'
7081 ac_ct_DUMPBIN=' '
7082 am__EXEEXT_FALSE=' '
7083 am__EXEEXT_TRUE='#'
7084 am__fastdepCC_FALSE='#'
7085 am__fastdepCC_TRUE=' '
7086 am__fastdepCXX_FALSE='#'
7087 am__fastdepCXX_TRUE=' '
7088 am__include='include'
7089 am__isrc=' '
7090 am__leading_dot='.'
7091 am__nodep='_no'
7092 am__quote=' '
7093 am__tar='${TAR-tar} chof - "$stardir"'
7094 am__untar='${TAR-tar} xf -'
```

```
7095 apL_DEVELOP_FALSE=''
7096 apL_DEVELOP_TRUE='#'
7097 apL_GTK3_FALSE=''
7098 apL_GTK3_TRUE='#'
7099 apL_PCRE_FALSE=''
7100 apL_PCRE_TRUE='#'
7101 apL_POSTGRES_FALSE=''
7102 apL_POSTGRES_TRUE='#'
7103 apL_SQLITE3_FALSE='#'
7104 apL_SQLITE3_TRUE=''
7105 apL_TARGET_ANDROID_FALSE=''
7106 apL_TARGET_ANDROID_TRUE='#'
7107 apL_TARGET_ERLANG_FALSE=''
7108 apL_TARGET_ERLANG_TRUE='#'
7109 apL_TARGET_LIBAPL_FALSE=''
7110 apL_TARGET_LIBAPL_TRUE='#'
7111 apL_TARGET_PYTHON_FALSE=''
7112 apL_TARGET_PYTHON_TRUE='#'
7113 bindir='${exec_prefix}/bin'
7114 build='x86_64-apple-darwin18.7.0'
7115 build_alias=''
7116 build_cpu='x86_64'
7117 build_os='darwin18.7.0'
7118 build_vendor='apple'
7119 datadir='${datarootdir}'
7120 datarootdir='${prefix}/share'
7121 docdir='${datarootdir}/doc/${PACKAGE_TARNAME}'
7122 dvidir='${docdir}'
7123 exec_prefix='${prefix}'
7124 host='x86_64-apple-darwin18.7.0'
7125 host_alias=''
7126 host_cpu='x86_64'
7127 host_os='darwin18.7.0'
7128 host_vendor='apple'
7129 htmdir='${docdir}'
7130 includedir='${prefix}/include'
7131 infodir='${datarootdir}/info'
7132 install_sh='${SHELL}'
... /Volumes/Data/GNUAPL-on-Mac-WS/GNUapl/trunk/install-sh'
7133 libdir='${exec_prefix}/lib'
7134 libexecdir='${exec_prefix}/libexec'
```

```
7135 localedir='${datarootdir}/locale'
7136 localstatedir='${prefix}/var'
7137 mandir='${datarootdir}/man'
7138 mkdir_p='${MKDIR_P}'
7139 oldincludedir='/usr/include'
7140 pdfdir='${docdir}'
7141 prefix='/usr/local'
7142 program_transform_name='s,x,x,'
7143 psdir='${docdir}'
7144 runstatedir='${localstatedir}/run'
7145 sbindir='${exec_prefix}/sbin'
7146 sharedstatedir='${prefix}/com'
7147 sysconfdir='${prefix}/etc'
7148 target_alias=''
7149
7150 ## ----- ##
7151 ## confdefs.h. ##
7152 ## ----- ##
7153
7154 /* confdefs.h */
7155 #define PACKAGE_NAME "GNU APL"
7156 #define PACKAGE_TARNAME "apl"
7157 #define PACKAGE_VERSION "1.8"
7158 #define PACKAGE_STRING "GNU APL 1.8"
7159 #define PACKAGE_BUGREPORT "bug-apl@gnu.org"
7160 #define PACKAGE_URL "http://www.gnu.org/software/apl/"
7161 #define STDC_HEADERS 1
7162 #define HAVE_SYS_TYPES_H 1
7163 #define HAVE_SYS_STAT_H 1
7164 #define HAVE_STDLIB_H 1
7165 #define HAVE_STRING_H 1
7166 #define HAVE_MEMORY_H 1
7167 #define HAVE_STRINGS_H 1
7168 #define HAVE_INTTYPES_H 1
7169 #define HAVE_STDINT_H 1
7170 #define HAVE_UNISTD_H 1
7171 #define __EXTENSIONS__ 1
7172 #define _ALL_SOURCE 1
7173 #define _GNU_SOURCE 1
7174 #define _POSIX_PTHREAD_SEMANTICS 1
7175 #define _TANDEM_SOURCE 1
```

```
7176 #define PACKAGE "apl"
7177 #define VERSION "1.8"
7178 #define HAVE_DLFCN_H 1
7179 #define LT_OBJDIR ".libs/"
7180 #define HAVE_NCURSES_H 1
7181 #define HAVE_TERM_H 1
7182 #define HAVE_DIRENT_H 1
7183 #define HAVE_EXECINFO_H 1
7184 #define HAVE_FCNTL_H 1
7185 #define HAVE_FENV_H 1
7186 #define HAVE_INTTYPES_H 1
7187 #define HAVE_LIMITS_H 1
7188 #define HAVE_NETDB_H 1
7189 #define HAVE_PNG_H 1
7190 #define HAVE_STDINT_H 1
7191 #define HAVE_STDLIB_H 1
7192 #define HAVE_STRING_H 1
7193 #define HAVE_STRINGS_H 1
7194 #define HAVE_TERMIOS_H 1
7195 #define HAVE_UNISTD_H 1
7196 #define HAVE_UTMPX_H 1
7197 #define HAVE_ZLIB_H 1
7198 #define HAVE_NETINET_IN_H 1
7199 #define HAVE_SYS_IOCTL_H 1
7200 #define HAVE_SYS_SOCKET_H 1
7201 #define HAVE_SYS_TIME_H 1
7202 #define HAVE_SYS_UN_H 1
7203 #define CONFIGURE_ARGS "./configure "
7204 #define HAVE_FORK 1
7205 #define HAVE_VFORK 1
7206 #define HAVE_WORKING_VFORK 1
7207 #define HAVE_WORKING_FORK 1
7208 #define HAVE_STDLIB_H 1
7209 #define HAVE_MALLOC 1
7210 #define TIME_WITH_SYS_TIME 1
7211 #define HAVE_SYS_TIME_H 1
7212 #define HAVE_UNISTD_H 1
7213 #define HAVE_STDLIB_H 1
7214 #define HAVE_SYS_PARAM_H 1
7215 #define HAVE_ALARM 1
7216 #define HAVE_GETPAGESIZE 1
```

```
7217 #define HAVE_MMAP 1
7218 #define HAVE_DUP2 1
7219 #define HAVE_FLOOR 1
7220 #define HAVE_GETCWD 1
7221 #define HAVE_GETHOSTBYNAME 1
7222 #define HAVE_GETTIMEOFDAY 1
7223 #define HAVE_MEMSET 1
7224 #define HAVE_MKDIR 1
7225 #define HAVE_MODF 1
7226 #define HAVE_MUNMAP 1
7227 #define HAVE_POW 1
7228 #define HAVE_REALPATH 1
7229 #define HAVE_RINT 1
7230 #define HAVE_RMDIR 1
7231 #define HAVE_SELECT 1
7232 #define HAVE_SETENV 1
7233 #define HAVE_SETLOCALE 1
7234 #define HAVE_SOCKET 1
7235 #define HAVE_SQRT 1
7236 #define HAVE_STRCASECMP 1
7237 #define HAVE_STRCHR 1
7238 #define HAVE_STRDUP 1
7239 #define HAVE_STRNCASECMP 1
7240 #define HAVE_STRNDUP 1
7241 #define HAVE_STRERROR 1
7242 #define HAVE_STRRCHR 1
7243 #define HAVE_STRSTR 1
7244 #define HAVE_STRTOL 1
7245 #define HAVE_UNAME 1
7246 #define HAVE_LIBPTHREAD 1
7247 #define HAVE_LIBCURSES 1
7248 #define HAVE_LIBNCURSES 1
7249 #define HAVE_LIBM 1
7250 #define HAVE_LIBDL 1
7251 #define HAVE_STRUCT_STAT_ST_BLOCKS 1
7252 #define HAVE_ST_BLOCKS 1
7253 #define HAVE_LIBCAIRO 1
7254 #define HAVE_LIBPNG 1
7255 #define HAVE_LIBZ 1
7256 #define HAVE_SQLITE3 1
7257 #define REALLY_WANT_SQLITE3 1
```

```
7258 #define aPl_SQLITE3 1
7259 #define HAVE_RDTSC 1
7260 #define HAVE_GETTIMEOFDAY 1
7261 #define MAX_RANK_WANTED 8
7262 #define GPROF_WANTED -pg
7263 #define ASSERT_LEVEL_WANTED 1
7264 #define SECURITY_LEVEL_WANTED 0
7265 #define CORE_COUNT_WANTED 0
7266 #define APSERVER_TRANSPORT 0
7267 #define APSERVER_PORT 16366
7268 #define APSERVER_PATH "/tmp/GNU-APL/APserver"
7269 #define SHORT_VALUE_LENGTH_WANTED 12
7270
7271 configure: exit 0
7272
```