

区长的专栏

业精于勤，荒于嬉；行成于思，毁于随！

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_区长



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如何脱离Android源码环境编译aapt

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由于要修改aapt源码，所以clone了一份Android源码，无奈mac的ssd只有256G，所以把源码下到了虚拟机里，这个虚拟机在移动硬盘中，系统是ubuntu的，编译Linux和windows版的aapt没有问题，但是需要编译mac的aapt时就遇到了问题，我不可能把ubuntu中的源码整个拷到mac中去编译，加起来有好几十G呢，ssd已经爆了。于是，我需要将aapt的最小依赖环境提取出来。

标题说脱离android源码环境，其实并不完全恰当，因为还是需要依赖Andriod源码环境，只不过这个源码环境从原来的好几十G变到了4~5个G左右。

先讲一下在Android5.1.1.r37分支下的aapt最小依赖的提取。首先你得有一份全量的源码，并且能编译出aapt，之后需要将最小依赖提取出来，复制到mac中去编译。这个最小依赖只需要将下面的文件夹和文件复制出来即可。

```
1 .
2 |--- Makefile
3 |--- bionic
4 |   |--- ABI-bugs.txt
5 |   |--- Android.mk
6 |   |--- CleanSpec.mk
7 |   |--- HACKING.txt
8 |   |--- benchmarks
9 |       |--- Android.mk
10 |       |--- benchmark.h
11 |       |--- benchmark_main.cpp
12 |       |--- math_benchmark.cpp
13 |       |--- property_benchmark.cpp
14 |       |--- pthread_benchmark.cpp
15 |       |--- semaphore_benchmark.cpp
16 |       |--- stdio_benchmark.cpp
17 |       |--- string_benchmark.cpp
18 |       |--- time_benchmark.cpp
19 |       |--- unistd_benchmark.cpp
20 |--- libc
21 |   |--- Android.mk
22 |   |--- MODULE_LICENSE_BSD
23 |   |--- NOTICE
24 |   |--- SYSCALLS.TXT
25 |   |--- arch-arm
26 |       |--- arm.mk
```

```

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28 | | | | | cortex-a15
29 | | | | | cortex-a7
30 | | | | | cortex-a8
31 | | | | | cortex-a9
32 | | | | | denver
33 | | | | | generic
34 | | | | | include
35 | | | | | krait
36 | | | | | syscalls
37 | | | | | arch-arm64
38 | | | | | | arm64.mk
39 | | | | | | bionic
40 | | | | | | denver64
41 | | | | | | generic
42 | | | | | | include
43 | | | | | | syscalls
44 | | | | | | arch-common
45 | | | | | | | bionic
46 | | | | | | arch-mips
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48 | | | | | | | include
49 | | | | | | | mips.mk
50 | | | | | | | string
51 | | | | | | | syscalls
52 | | | | | | arch-mips64
53 | | | | | | | bionic
54 | | | | | | | include
55 | | | | | | | mips64.mk
56 | | | | | | | string
57 | | | | | | | syscalls
58 | | | | | | arch-x86
59 | | | | | | | atom
60 | | | | | | | bionic
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77 | | | | | | _cxa_guard.cpp
78 | | | | | | _cxa_pure_virtual.cpp
79 | | | | | | _errno.cpp
80 | | | | | | _fgets_chk.cpp
81 | | | | | | _libc_current_sigrtmax.cpp
82 | | | | | | _libc_current_sigrtmin.cpp
83 | | | | | | _memcpy_chk.cpp
84 | | | | | | _memmove_chk.cpp
85 | | | | | | _memset_chk.cpp
86 | | | | | | _read_chk.cpp
87 | | | | | | _recvfrom_chk.cpp
88 | | | | | | _set_errno.cpp
89 | | | | | | _stack_chk_fail.cpp

```

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能打...

Android 使用OpenCV的三种方式
沈行的专栏: 博主, 这一直显示
execution failed for
task:opencv:ndkClean错...

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154 | | | | | gettid.cpp
155 | | | | | hash.h
156 | | | | | if_indextoname.c
157 | | | | | if_nametoindex.c
158 | | | | | initgroups.c
159 | | | | | inotify_init.cpp
160 | | | | | ioctl.c
161 | | | | | isatty.c
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166 | | | | | lfs64_support.cpp
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171 | | | | | libc_logging.cpp
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173 | | | | | link.cpp
174 | | | | | locale.cpp
175 | | | | | lstat.cpp
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199 | | | | | new.cpp
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203 | | | | | pipe.cpp
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207 | | | | | posix_timers.cpp
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213 | | | | | pthread_detach.cpp
214 | | | | | pthread_equal.cpp
215 | | | | | pthread_exit.cpp
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218	—	pthread_gettid_np.cpp
219	—	pthread_internal.h
220	—	pthread_internals.cpp
221	—	pthread_join.cpp
222	—	pthread_key.cpp
223	—	pthread_kill.cpp
224	—	pthread_mutex.cpp
225	—	pthread_once.cpp
226	—	pthread_rwlock.cpp
227	—	pthread_self.cpp
228	—	pthread_setname_np.cpp
229	—	pthread_setschedparam.cpp
230	—	pthread_sigmask.cpp
231	—	ptrace.cpp
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233	—	pututline.c
234	—	raise.cpp
235	—	rand.cpp
236	—	readlink.cpp
237	—	reboot.cpp
238	—	recv.cpp
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242	—	sched_cpualloc.c
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246	—	semaphore.c
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292 | | | | | — thread_private.cpp
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```

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1224 |      |      | — cstring
1225 |      |      | — ctgmath
1226 |      |      | — ctime
1227 |      |      | — cwchar
1228 |      |      | — cwstring
1229 |      |      | — cxxabi.h -> ../../libcxxabi/include/cxxabi.h
1230 |      |      | — deque
1231 |      |      | — exception
1232 |      |      | — experimental
1233 |      |      | — ext
1234 |      |      | — forward_list
1235 |      |      | — fstream
1236 |      |      | — functional
1237 |      |      | — future
1238 |      |      | — initializer_list
1239 |      |      | — iomanip
1240 |      |      | — ios
1241 |      |      | — iosfwd
1242 |      |      | — istream
1243 |      |      | — ostream
1244 |      |      | — iterator
1245 |      |      | — limits
1246 |      |      | — list
1247 |      |      | — locale
1248 |      |      | — map
1249 |      |      | — memory
1250 |      |      | — mutex
1251 |      |      | — new
1252 |      |      | — numeric
1253 |      |      | — ostream
1254 |      |      | — queue
1255 |      |      | — random
1256 |      |      | — ratio
1257 |      |      | — regex
1258 |      |      | — scoped_allocator
1259 |      |      | — set
1260 |      |      | — shared_mutex
1261 |      |      | — sstream
1262 |      |      | — stack
1263 |      |      | — stdexcept
1264 |      |      | — streambuf
1265 |      |      | — string
1266 |      |      | — stringstream
1267 |      |      | — support
1268 |      |      | — system_error
1269 |      |      | — tgmath.h
1270 |      |      | — thread
1271 |      |      | — tuple
1272 |      |      | — type_traits
1273 |      |      | — typeid
1274 |      |      | — typeinfo
1275 |      |      | — unordered_map
1276 |      |      | — unordered_set
1277 |      |      | — utility
1278 |      |      | — valarray
1279 |      |      | — vector
1280 |      | — lib
1281 |      |   — CMakeLists.txt
1282 |      |   — buildit
1283 |      |   — libc++abi.exp
1284 |      |   — libc++abi2.exp
1285 |      |   — libc++sjlj-abi.exp
1286 |      |   — libc++unexp.exp

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1287 | | | | | notweak.exp
1288 | | | | | weak.exp
1289 | | | | | libcxx.mk
1290 | | | | | src
1291 | | | | | | algorithm.cpp
1292 | | | | | | bind.cpp
1293 | | | | | | chrono.cpp
1294 | | | | | | condition_variable.cpp
1295 | | | | | | debug.cpp
1296 | | | | | | exception.cpp
1297 | | | | | | future.cpp
1298 | | | | | | hash.cpp
1299 | | | | | | ios.cpp
1300 | | | | | | iostream.cpp
1301 | | | | | | locale.cpp
1302 | | | | | | memory.cpp
1303 | | | | | | mutex.cpp
1304 | | | | | | new.cpp
1305 | | | | | | optional.cpp
1306 | | | | | | random.cpp
1307 | | | | | | regex.cpp
1308 | | | | | | shared_mutex.cpp
1309 | | | | | | stdexcept.cpp
1310 | | | | | | string.cpp
1311 | | | | | | stringstream.cpp
1312 | | | | | | support
1313 | | | | | | system_error.cpp
1314 | | | | | | thread.cpp
1315 | | | | | | typeinfo.cpp
1316 | | | | | | utility.cpp
1317 | | | | | | valarray.cpp
1318 | | | | | test
1319 | | | | | | Android.build.mk
1320 | | | | | | Android.mk
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1327 | | | | | | extensions
1328 | | | | | | input.output
1329 | | | | | | iterators
1330 | | | | | | language.support
1331 | | | | | | lit.cfg
1332 | | | | | | lit.site.cfg.in
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1334 | | | | | | makemake.py
1335 | | | | | | nothing_to_do.pass.cpp
1336 | | | | | | numerics
1337 | | | | | | re
1338 | | | | | | runtests.py
1339 | | | | | | strings
1340 | | | | | | support
1341 | | | | | | testit
1342 | | | | | | thread
1343 | | | | | | utilities
1344 | | | | | www
1345 | | | | | | atomic_design.html
1346 | | | | | | atomic_design_a.html
1347 | | | | | | atomic_design_b.html
1348 | | | | | | atomic_design_c.html
1349 | | | | | | content.css
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1350 | | | | | cxxly_status.html
1351 | | | | | debug_mode.html
1352 | | | | | index.html
1353 | | | | | menu.css
1354 | | | | | results.Linux.html
1355 | | | | | results.Windows.html
1356 | | | | | type_traits_design.html
1357 | | | | |
1358 | | | | | --- libcxxabi
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1360 | | | | | | | CREDITS.TXT
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1367 | | | | | | | | | unwind.h
1368 | | | | | | | lib
1369 | | | | | | | | | buildit
1370 | | | | | | | src
1371 | | | | | | | | | Unwind
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1373 | | | | | | | | | abort_message.h
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1376 | | | | | | | | | cxa_default_handlers.cpp
1377 | | | | | | | | | cxa_demangle.cpp
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1379 | | | | | | | | | cxa_exception.hpp
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1383 | | | | | | | | | cxa_handlers.hpp
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1391 | | | | | | | | | private_typeinfo.cpp
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1394 | | | | | | | | | typeinfo.cpp
1395 | | | | | | | test
1396 | | | | | | | | | backtrace_test.cpp
1397 | | | | | | | | | catch_array_01.cpp
1398 | | | | | | | | | catch_array_02.cpp
1399 | | | | | | | | | catch_class_01.cpp
1400 | | | | | | | | | catch_class_02.cpp
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1403 | | | | | | | | | catch_const_pointer_nullptr.cpp
1404 | | | | | | | | | catch_function_01.cpp
1405 | | | | | | | | | catch_function_02.cpp
1406 | | | | | | | | | catch_in_noexcept.cpp
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1408 | | | | | | | | | catch_member_function_pointer_01.cpp
1409 | | | | | | | | | catch_member_pointer_nullptr.cpp
1410 | | | | | | | | | catch_pointer_nullptr.cpp
1411 | | | | | | | | | catch_pointer_reference.cpp
1412 | | | | | | | | | catch_ptr.cpp
1413 | | | | | | | | | catch_ptr_02.cpp
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1414 | | | | | dynamic_cast3.cpp
1415 | | | | | dynamic_cast5.cpp
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1417 | | | | | inherited_exception.cpp
1418 | | | | | test_aux_runtime.cpp
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1421 | | | | | test_fallback_malloc.cpp
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1423 | | | | | test_vector1.cpp
1424 | | | | | test_vector2.cpp
1425 | | | | | test_vector3.cpp
1426 | | | | | testit
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1429 | | | | | unwind_03.cpp
1430 | | | | | unwind_04.cpp
1431 | | | | | unwind_05.cpp
1432 | | | | | unwind_06.cpp
1433 | | | | | www
1434 | | | | | | content.css
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1437 | | | | | | spec.html
1438 | | | | | libpng
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1455 | | | | | | | filter_neon.S
1456 | | | | | | | filter_neon_intrinsics.c
1457 | | | | | | autogen.sh
1458 | | | | | | compile
1459 | | | | | | config.guess
1460 | | | | | | config.h.in
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1462 | | | | | | configure
1463 | | | | | | configure.ac
1464 | | | | | | contrib
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1470 | | | | | | | libtests
1471 | | | | | | | pngminim
1472 | | | | | | | pngminus
1473 | | | | | | | pngsuite
1474 | | | | | | tools
1475 | | | | | | visupng
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1476 | | | | | depcomp
1477 | | | | | example.c
1478 | | | | | install-sh
1479 | | | | | libpng-config.in
1480 | | | | | libpng-manual.txt
1481 | | | | | libpng.3
1482 | | | | | libpng.pc.in
1483 | | | | | libpngpf.3
1484 | | | | | ltmain.sh
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1487 | | | | | png.c
1488 | | | | | png.h
1489 | | | | | pngbar.jpg
1490 | | | | | pngbar.png
1491 | | | | | pngconf.h
1492 | | | | | pngdebug.h
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1494 | | | | | pngget.c
1495 | | | | | pnginfo.h
1496 | | | | | pnglibconf.h
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1500 | | | | | pngpriv.h
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1503 | | | | | pngtran.c
1504 | | | | | pngutil.c
1505 | | | | | pngset.c
1506 | | | | | pngstruct.h
1507 | | | | | pngtest.c
1508 | | | | | pngtest.png
1509 | | | | | pngtrans.c
1510 | | | | | pngusr.dfa
1511 | | | | | pngusr.h
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1513 | | | | | pngwrite.c
1514 | | | | | pngwtran.c
1515 | | | | | pngwutil.c
1516 | | | | | projects
1517 | | | | | | owatcom
1518 | | | | | | visualc71
1519 | | | | | | vstudio
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1521 | | | | | | README.txt
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1523 | | | | | | checksym.awk
1524 | | | | | | def.dfn
1525 | | | | | | descrip.mms
1526 | | | | | | dfn.awk
1527 | | | | | | intprefix.dfn
1528 | | | | | | libpng-config-body.in
1529 | | | | | | libpng-config-head.in
1530 | | | | | | libpng.pc.in
1531 | | | | | | libtool.m4
1532 | | | | | | ltoptions.m4
1533 | | | | | | ltsugar.m4
1534 | | | | | | ltversion.m4
1535 | | | | | | lt-obsolete.m4
1536 | | | | | | macro.lst
1537 | | | | | | makefile.32sunu
1538 | | | | | | makefile.64sunu
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1540 | | | | | — makefile.aix
1541 | | | | | — makefile.amiga
1542 | | | | | — makefile.atari
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1544 | | | | | — makefile.beos
1545 | | | | | — makefile.bor
1546 | | | | | — makefile.cebcc
1547 | | | | | — makefile.darwin
1548 | | | | | — makefile.dec
1549 | | | | | — makefile.dj2
1550 | | | | | — makefile.elf
1551 | | | | | — makefile.freebsd
1552 | | | | | — makefile.gcc
1553 | | | | | — makefile.hp64
1554 | | | | | — makefile.hpgcc
1555 | | | | | — makefile.hpx
1556 | | | | | — makefile.ibm
1557 | | | | | — makefile.intel
1558 | | | | | — makefile.knr
1559 | | | | | — makefile.linux
1560 | | | | | — makefile.mips
1561 | | | | | — makefile.msc
1562 | | | | | — makefile.msys
1563 | | | | | — makefile.netbsd
1564 | | | | | — makefile.netbsd
1565 | | | | | — makefile.openbsd
1566 | | | | | — makefile.sco
1567 | | | | | — makefile.sgcc
1568 | | | | | — makefile.sgi
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1571 | | | | | — makefile.solaris-x86
1572 | | | | | — makefile.std
1573 | | | | | — makefile.sunos
1574 | | | | | — makefile.tc3
1575 | | | | | — makefile.vcwin32
1576 | | | | | — makevms.com
1577 | | | | | — options.awk
1578 | | | | | — pnglibconf.dfa
1579 | | | | | — pnglibconf.h.prebuilt
1580 | | | | | — pnglibconf.mak
1581 | | | | | — pngwin.rc
1582 | | | | | — prefix.dfn
1583 | | | | | — smakefile.ppc
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1585 | | | | | — symbols.def
1586 | | | | | — symbols.dfn
1587 | | | | | — vers.dfn
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1590 | | | | — tests
1591 | | | | — pngimage-full
1592 | | | | — pngimage-quick
1593 | | | | — pngstest
1594 | | | | — pngstest-0g01
1595 | | | | — pngstest-0g02
1596 | | | | — pngstest-0g04
1597 | | | | — pngstest-0g08
1598 | | | | — pngstest-0g16
1599 | | | | — pngstest-2c08
1600 | | | | — pngstest-2c16
1601 | | | | — pngstest-3p01
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1602 |         |      |   └─ pngtest-3p02
1603 |         |      |   └─ pngtest-3p04
1604 |         |      |   └─ pngtest-3p08
1605 |         |      |   └─ pngtest-4a08
1606 |         |      |   └─ pngtest-4a16
1607 |         |      |   └─ pngtest-6a08
1608 |         |      |   └─ pngtest-6a16
1609 |         |      |   └─ pngtest-error
1610 |         |      |   └─ pngtest
1611 |         |      |   └─ pngunknown-IDAT
1612 |         |      |   └─ pngunknown-discard
1613 |         |      |   └─ pngunknown-if-safe
1614 |         |      |   └─ pngunknown-sAPI
1615 |         |      |   └─ pngunknown-sTER
1616 |         |      |   └─ pngunknown-save
1617 |         |      |   └─ pngunknown-vpAg
1618 |         |      |   └─ pngvalid-gamma-16-to-8
1619 |         |      |   └─ pngvalid-gamma-alpha-mode
1620 |         |      |   └─ pngvalid-gamma-background
1621 |         |      |   └─ pngvalid-gamma-expand16-alpha-mode
1622 |         |      |   └─ pngvalid-gamma-expand16-background
1623 |         |      |   └─ pngvalid-gamma-expand16-transform
1624 |         |      |   └─ pngvalid-gamma-sbit
1625 |         |      |   └─ pngvalid-gamma-threshold
1626 |         |      |   └─ pngvalid-gamma-transform
1627 |         |      |   └─ pngvalid-progressive-interlace-size
1628 |         |      |   └─ pngvalid-progressive-interlace-standard
1629 |         |      |   └─ pngvalid-progressive-interlace-transform
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1632 |         |      └─ updatenotes
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1659 |         |   └─ NOTES
1660 |         |   └─ _U_dyn_cancel.man
1661 |         |   └─ _U_dyn_cancel.tex
1662 |         |   └─ _U_dyn_register.man
1663 |         |   └─ _U_dyn_register.tex
1664 |         |   └─ common.tex.in

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```
|— include
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```

| libunwind-common.h
| libunwind-common.h.in
| libunwind-coredump.h
| libunwind-dynamic.h
| libunwind-hppa.h
| libunwind-ia64.h
| libunwind-mips.h
| libunwind-ppc32.h
| libunwind-ppc64.h
| libunwind-pttrace.h
| libunwind-sh.h
| libunwind-x86.h
| libunwind-x86_64.h
| libunwind.h
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| tdep-hppa
| tdep-ia64
| tdep-mips
| tdep-ppc32
| tdep-ppc64
| tdep-sh
| tdep-x86
| tdep-x86_64
| unwind.h
| x86
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| kernel-files.txt
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| elf64.c
| elf64.h
| elfxx.c
| elfxx.h
| hppa
| ia64
| libunwind-generic.pc.in
| mi
| mips
| os-common.c
| os-freebsd.c
| os-hpux.c
| os-linux.c
| os-linux.h
| os-qnx.c
| ppc
| ppc32
| ppc64

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1800 | | | | |   Gia64-test-readonly.c
1801 | | | | |   Gia64-test-stack.c
1802 | | | | |   Gperf-simple.c
1803 | | | | |   Gperf-trace.c
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1805 | | | | |   Gtest-concurrent.c
1806 | | | | |   Gtest-dynl.c
1807 | | | | |   Gtest-exc.c
1808 | | | | |   Gtest-init.cxx
1809 | | | | |   Gtest-nomalloc.c
1810 | | | | |   Gtest-resume-sig-rt.c
1811 | | | | |   Gtest-resume-sig.c
1812 | | | | |   Gtest-trace.c
1813 | | | | |   Lia64-test-nat.c
1814 | | | | |   Lia64-test-rbs.c
1815 | | | | |   Lia64-test-readonly.c
1816 | | | | |   Lia64-test-stack.c
1817 | | | | |   Lperf-simple.c
1818 | | | | |   Lperf-trace.c
1819 | | | | |   Lrs-race.c
1820 | | | | |   Ltest-bt.c
1821 | | | | |   Ltest-concurrent.c
1822 | | | | |   Ltest-cxx-exceptions.cxx
1823 | | | | |   Ltest-dynl.c
1824 | | | | |   Ltest-exc.c
1825 | | | | |   Ltest-init.cxx
1826 | | | | |   Ltest-nocalloc.c
1827 | | | | |   Ltest-nomalloc.c
1828 | | | | |   Ltest-resume-sig-rt.c
1829 | | | | |   Ltest-resume-sig.c
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1831 | | | | |   Ltest-varargs.c
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1844 | | | | |   ia64-test-setjmp.c
1845 | | | | |   ia64-test-sig.c
1846 | | | | |   ia64-test-stack-asm.S
1847 | | | | |   ia64-test-stack.h
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1849 | | | | |   mapper.c
1850 | | | | |   perf-startup
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1852 | | | | |   ppc64-test-altivec.c
1853 | | | | |   run-check-namespace
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1854 | | | | | run-coredump-unwind
1855 | | | | | run-coredump-unwind-mdi
1856 | | | | | run-ia64-test-dynl
1857 | | | | | run-ptrace-mapper
1858 | | | | | run-ptrace-misc
1859 | | | | | test-async-sig.c
1860 | | | | | test-coredump-unwind.c
1861 | | | | | test-flush-cache.c
1862 | | | | | test-init-remote.c
1863 | | | | | test-mem.c
1864 | | | | | test-proc-info.c
1865 | | | | | test-ptrace-misc.c
1866 | | | | | test-ptrace.c
1867 | | | | | test-setjmp.c
1868 | | | | | test-static-link-gen.c
1869 | | | | | test-static-link-loc.c
1870 | | | | | test-strerror.c
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1874 | | | | | | CleanSpec.mk
1875 | | | | | | MODULE_LICENSE_BSD_LIKE
1876 | | | | | | NOTICE
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1878 | | | | | | | safe_iop.h
1879 | | | | | | src
1880 | | | | | | | safe_iop.c
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1885 | | | | | | CleanSpec.mk
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1889 | | | | | | MODULE_LICENSE_BSD_LIKE
1890 | | | | | | Makefile
1891 | | | | | | NOTICE
1892 | | | | | | README
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1894 | | | | | | configure
1895 | | | | | | configure.bat
1896 | | | | | | doc
1897 | | | | | | | FAQ
1898 | | | | | | | README.borland
1899 | | | | | | | README.cygwin
1900 | | | | | | | README.dmc
1901 | | | | | | | README.evc3
1902 | | | | | | | README.evc4
1903 | | | | | | | README.evc8
1904 | | | | | | | README.evc9
1905 | | | | | | | README.intel
1906 | | | | | | | README.mingw
1907 | | | | | | | README.msvc
1908 | | | | | | | README.utf8
1909 | | | | | | | README.wince
1910 | | | | | | | README.windows
1911 | | | | | | | build_system.txt
1912 | | | | | | | pointer_specialization.txt
1913 | | | | | | stlport_namespaces.txt
1914 | | | | | etc
1915 | | | | | | ChangeLog
1916 | | | | | | ChangeLog-4.0
1917 | | | | | | ChangeLog-5.1
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```

1917 |         |         | ReleaseNote.txt
1918 |         |         | STLport-4.5.1.spec
1919 |         |         | STLport-4.5.3.spec
1920 |         |         | STLport-4.6.spec
1921 |         |         | autoexp.dat
1922 |         |         | msvcincl.dat
1923 |         |         | std_headers.txt
1924 |         |         | std_headers_c.txt
1925 |         |         | std_headers_c_h.txt
1926 |         |         | std_headers_classic_iostreams.txt
1927 |         |         | std_headers_cpp_runtime.txt
1928 |         |         | std_headers_cpp_runtime_h.txt
1929 |         |         | stlport_powered_red.gif
1930 |         |         | stlport_powered_white.gif
1931 |         | libstlport.mk
1932 |         | src
1933 |         |     | _stdio_file.h
1934 |         |     | acquire_release.h
1935 |         |     | aligned_buffer.h
1936 |         |     | allocators.cpp
1937 |         |     | bitset.cpp
1938 |         |     | c_locale.c
1939 |         |     | c_locale.h
1940 |         |     | c_locale_dummy
1941 |         |     | c_locale_glibc
1942 |         |     | c_locale_win32
1943 |         |     | codecvt.cpp
1944 |         |     | collate.cpp
1945 |         |     | complex.cpp
1946 |         |     | complex_io.cpp
1947 |         |     | complex_trig.cpp
1948 |         |     | ctype.cpp
1949 |         |     | cxa.c
1950 |         |     | details
1951 |         |     | dll_main.cpp
1952 |         |     | facets_byname.cpp
1953 |         |     | fstream.cpp
1954 |         |     | ios.cpp
1955 |         |     | iostream.cpp
1956 |         |     | istream.cpp
1957 |         |     | locale.cpp
1958 |         |     | locale_catalog.cpp
1959 |         |     | locale_impl.cpp
1960 |         |     | locale_impl.h
1961 |         |     | lock_free_slist.h
1962 |         |     | message_facets.h
1963 |         |     | messages.cpp
1964 |         |     | monetary.cpp
1965 |         |     | num_get.cpp
1966 |         |     | num_get_float.cpp
1967 |         |     | num_put.cpp
1968 |         |     | num_put_float.cpp
1969 |         |     | numpunct.cpp
1970 |         |     | ostream.cpp
1971 |         |     | sparc_atomic.s
1972 |         |     | sparc_atomic64.s
1973 |         |     | sstream.cpp
1974 |         |     | stdio_streambuf.cpp
1975 |         |     | stdio_streambuf.h
1976 |         |     | stlport.rc
1977 |         |     | stlport_prefix.h
1978 |         |     | string.cpp
1979 |         |     | strstream.cpp

```



```
1980 | | | | | time_facets.cpp
1981 | | | | | warning_disable.h
1982 | | | | | — stlport
1983 | | | | | — algorithm
1984 | | | | | — assert.h
1985 | | | | | — bitset
1986 | | | | | — cassert
1987 | | | | | — cctype
1988 | | | | | — cerrno
1989 | | | | | — cfloat
1990 | | | | | — ciso646
1991 | | | | | — climits
1992 | | | | | — clocale
1993 | | | | | — cmath
1994 | | | | | — complex
1995 | | | | | — csetjmp
1996 | | | | | — csignal
1997 | | | | | — cstdarg
1998 | | | | | — cstddef
1999 | | | | | — cstdio
2000 | | | | | — cstdlib
2001 | | | | | — cstring
2002 | | | | | — ctime
2003 | | | | | — ctype.h
2004 | | | | | — cwchar
2005 | | | | | — cwctype
2006 | | | | | — deque
2007 | | | | | — errno.h
2008 | | | | | — exception
2009 | | | | | — exception.h
2010 | | | | | — float.h
2011 | | | | | — fstream
2012 | | | | | — fstream.h
2013 | | | | | — functional
2014 | | | | | — hash_map
2015 | | | | | — hash_set
2016 | | | | | — iomanip
2017 | | | | | — iomanip.h
2018 | | | | | — ios
2019 | | | | | — ios.h
2020 | | | | | — iosfwd
2021 | | | | | — iostream
2022 | | | | | — iostream.h
2023 | | | | | — iso646.h
2024 | | | | | — istream
2025 | | | | | — istream.h
2026 | | | | | — iterator
2027 | | | | | — limits
2028 | | | | | — limits.h
2029 | | | | | — list
2030 | | | | | — locale
2031 | | | | | — locale.h
2032 | | | | | — map
2033 | | | | | — math.h
2034 | | | | | — mem.h
2035 | | | | | — memory
2036 | | | | | — new
2037 | | | | | — new.h
2038 | | | | | — numeric
2039 | | | | | — ostream
2040 | | | | | — ostream.h
2041 | | | | | — pthread.h
2042 | | | | | — pthread_alloc
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2043 | | | | queue
2044 | | | | rlocks.h
2045 | | | | rope
2046 | | | | set
2047 | | | | setjmp.h
2048 | | | | signal.h
2049 | | | | slist
2050 | | | | sstream
2051 | | | | stack
2052 | | | | stdarg.h
2053 | | | | stddef.h
2054 | | | | stdexcept
2055 | | | | stdio.h
2056 | | | | stdiostream.h
2057 | | | | stdlib.h
2058 | | | | stl
2059 | | | | streambuf
2060 | | | | streambuf.h
2061 | | | | string
2062 | | | | string.h
2063 | | | | strstream
2064 | | | | strstream.h
2065 | | | | time.h
2066 | | | | type_traits
2067 | | | | typeinfo
2068 | | | | typeinfo.h
2069 | | | | unordered_map
2070 | | | | unordered_set
2071 | | | | using
2072 | | | | utility
2073 | | | | valarray
2074 | | | | vector
2075 | | | | wchar.h
2076 | | | | wctype.h
2077 | | | | test
2078 | | | | compiler
2079 | | | | eh
2080 | | | | unit
2081 | | | | zlib
2082 | | | | Android.mk
2083 | | | | CleanSpec.mk
2084 | | | | MODULE_LICENSE_BSD_LIKE
2085 | | | | NOTICE
2086 | | | | src
2087 | | | | CMakeLists.txt
2088 | | | | ChangeLog
2089 | | | | FAQ
2090 | | | | INDEX
2091 | | | | Makefile.in
2092 | | | | README
2093 | | | | adler32.c
2094 | | | | amiga
2095 | | | | as400
2096 | | | | compress.c
2097 | | | | configure
2098 | | | | contrib
2099 | | | | crc32.c
2100 | | | | crc32.h
2101 | | | | deflate.c
2102 | | | | deflate.h
2103 | | | | doc
2104 | | | | examples
2105 | | | | gzclose.c
```

```
2106 | | | | gzguts.h
2107 | | | | gzlib.c
2108 | | | | gzread.c
2109 | | | | gzwrite.c
2110 | | | | infback.c
2111 | | | | inffast.c
2112 | | | | inffast.h
2113 | | | | inffixed.h
2114 | | | | inflate.c
2115 | | | | inflate.h
2116 | | | | inftrees.c
2117 | | | | inftrees.h
2118 | | | | make_vms.com
2119 | | | | msdos
2120 | | | | nintendods
2121 | | | | old
2122 | | | | qnx
2123 | | | | test
2124 | | | | treebuild.xml
2125 | | | | trees.c
2126 | | | | trees.h
2127 | | | | uncompr.c
2128 | | | | watcom
2129 | | | | win32
2130 | | | | zconf.h
2131 | | | | zconf.h.cmakein
2132 | | | | zconf.h.in
2133 | | | | zlib.3
2134 | | | | zlib.3.pdf
2135 | | | | zlib.h
2136 | | | | zlib.map
2137 | | | | zlib.pc
2138 | | | | zlib.pc.cmakein
2139 | | | | zlib.pc.in
2140 | | | | zlib2ansi
2141 | | | | zutil.c
2142 | | | | zutil.h
2143 | | | | update_zlib.sh
2144 | | | | zconf.h -> src/zconf.h
2145 | | | | zlib.h -> src/zlib.h
2146 | | | | zutil.h -> src/zutil.h
2147 | | | | frameworks
2148 | | | | | base
2149 | | | | | | include
2150 | | | | | | | androidfw
2151 | | | | | | libs
2152 | | | | | | | androidfw
2153 | | | | | | tools
2154 | | | | | | | aapt
2155 | | | | | native
2156 | | | | | | include
2157 | | | | | | | android
2158 | | | | | | | batteryservice
2159 | | | | | | | binder
2160 | | | | | | | diskusage
2161 | | | | | | | gui
2162 | | | | | | | input
2163 | | | | | | | media
2164 | | | | | | | powermanager
2165 | | | | | | | private
2166 | | | | | | | ui
2167 | | | | | | libs
2168 | | | | | | binder
```

```
2169 |— libnativehelper
2170 |   |— ALog-priv.h
2171 |   |— Android.mk
2172 |   |— JNIHelp.cpp
2173 |   |— JniConstants.cpp
2174 |   |— JniInvocation.cpp
2175 |   |— MODULE_LICENSE_APACHE2
2176 |   |— NOTICE
2177 |   |— README
2178 |   |— include
2179 |       |— nativehelper
2180 |           |— JNIHelp.h
2181 |           |— JniConstants.h
2182 |           |— JniInvocation.h
2183 |           |— ScopedBytes.h
2184 |           |— ScopedFd.h
2185 |           |— ScopedLocalFrame.h
2186 |           |— ScopedLocalRef.h
2187 |           |— ScopedPrimitiveArray.h
2188 |           |— ScopedStringChars.h
2189 |           |— ScopedUtfChars.h
2190 |           |— UniquePtr.h
2191 |           |— jni.h
2192 |           |— toStringArray.h
2193 |   |— tests
2194 |       |— Android.mk
2195 |       |— JniInvocation_test.cpp
2196 |   |— toStringArray.cpp
2197 |— out
2198 |   |— CaseCheck.txt
2199 |   |— casecheck.txt
2200 |   |— host
2201 |       |— darwin-x86
2202 |           |— obj
2203 |   |— target
2204 |       |— common
2205 |           |— obj
2206 |       |— product
2207 |           |— generic
2208 |   |— versions_checked.mk
2209 |— prebuilts
2210 |   |— clang
2211 |       |— darwin-x86
2212 |           |— 3.1
2213 |           |— 3.2
2214 |           |— arm
2215 |           |— host
2216 |           |— mips
2217 |           |— x86
2218 |       |— linux-x86
2219 |           |— 3.1
2220 |           |— 3.2
2221 |           |— arm
2222 |           |— host
2223 |           |— mips
2224 |           |— x86
2225 |   |— gcc
2226 |       |— darwin-x86
2227 |           |— aarch64
2228 |           |— arm
2229 |           |— host
2230 |           |— mips
2231 |           |— x86
```

```
2232 |         |   └─ linux-x86
2233 |         |     └─ aarch64
2234 |         |     └─ arm
2235 |         |     └─ host
2236 |         |     └─ mips
2237 |         |     └─ x86
2238 |         └─ ndk
2239 |             └─ 4
2240 |                 └─ platforms
2241 |             └─ 5
2242 |                 └─ platforms
2243 |                 └─ sources
2244 |             └─ 6
2245 |                 └─ platforms
2246 |                 └─ sources
2247 |             └─ 7
2248 |                 └─ platforms
2249 |                 └─ sources
2250 |             └─ 8
2251 |                 └─ platforms
2252 |                 └─ sources
2253 |             └─ 9
2254 |                 └─ platforms
2255 |                 └─ sources
2256 |             └─ Android.mk
2257 |             └─ CleanSpec.mk
2258 |             └─ current -> 9
2259 | └─ sdk
2260 |     └─ build
2261 |         └─ patch_windows_sdk.sh
2262 |         └─ product_sdk.mk
2263 |         └─ windows_sdk_tools.mk
2264 |         └─ windows_sdk_whitelist.mk
2265 | └─ system
2266 |     └─ core
2267 |         └─ include
2268 |             └─ android
2269 |             └─ backtrace
2270 |             └─ cutils
2271 |             └─ log
2272 |             └─ private
2273 |             └─ system
2274 |             └─ utils
2275 |             └─ ziparchive
2276 |         └─ libbacktrace
2277 |             └─ Android.build.mk
2278 |             └─ Android.mk
2279 |             └─ BacktraceImpl.cpp
2280 |             └─ BacktraceImpl.h
2281 |             └─ BacktraceLog.h
2282 |             └─ BacktraceMap.cpp
2283 |             └─ BacktraceThread.cpp
2284 |             └─ BacktraceThread.h
2285 |             └─ GetPss.cpp
2286 |             └─ GetPss.h
2287 |             └─ UnwindCurrent.cpp
2288 |             └─ UnwindCurrent.h
2289 |             └─ UnwindMap.cpp
2290 |             └─ UnwindMap.h
2291 |             └─ UnwindPtrace.cpp
2292 |             └─ UnwindPtrace.h
2293 |             └─ backtrace_test.cpp
2294 |             └─ backtrace_testlib.c
```

```
2295 | | | | | map_info.c
2296 | | | | | thread_utils.c
2297 | | | | | thread_utils.h
2298 | | | | | libcutils
2299 | | | | | Android.mk
2300 | | | | | MODULE_LICENSE_APACHE2
2301 | | | | | NOTICE
2302 | | | | | android_reboot.c
2303 | | | | | arch-arm
2304 | | | | | arch-arm64
2305 | | | | | arch-mips
2306 | | | | | arch-x86
2307 | | | | | arch-x86_64
2308 | | | | | ashmem-dev.c
2309 | | | | | ashmem-host.c
2310 | | | | | atomic.c
2311 | | | | | config_utils.c
2312 | | | | | cpu_info.c
2313 | | | | | debugger.c
2314 | | | | | dir_hash.c
2315 | | | | | dlmalloc_stubs.c
2316 | | | | | fs.c
2317 | | | | | hashmap.c
2318 | | | | | iosched_policy.c
2319 | | | | | klog.c
2320 | | | | | load_file.c
2321 | | | | | loghack.h
2322 | | | | | memory.c
2323 | | | | | multiuser.c
2324 | | | | | native_handle.c
2325 | | | | | open_memstream.c
2326 | | | | | partition_utils.c
2327 | | | | | process_name.c
2328 | | | | | properties.c
2329 | | | | | qtaguid.c
2330 | | | | | record_stream.c
2331 | | | | | sched_policy.c
2332 | | | | | socket_inaddr_any_server.c
2333 | | | | | socket_local.h
2334 | | | | | socket_local_client.c
2335 | | | | | socket_local_server.c
2336 | | | | | socket_loopback_client.c
2337 | | | | | socket_loopback_server.c
2338 | | | | | socket_network_client.c
2339 | | | | | sockets.c
2340 | | | | | str_parms.c
2341 | | | | | strdup16to8.c
2342 | | | | | strdup8to16.c
2343 | | | | | tests
2344 | | | | | threads.c
2345 | | | | | trace.c
2346 | | | | | uevent.c
2347 | | | | | liblog
2348 | | | | | Android.mk
2349 | | | | | NOTICE
2350 | | | | | README
2351 | | | | | event_tag_map.c
2352 | | | | | fake_log_device.c
2353 | | | | | fake_log_device.h
2354 | | | | | log_event_write.c
2355 | | | | | log_read.c
2356 | | | | | log_read_kern.c
2357 | | | | | log_time.cpp
```

```

2358 |         |   | logd_write.c
2359 |         |   | logd_write_kern.c
2360 |         |   | logprint.c
2361 |         |   | tests
2362 |         |   | uio.c
2363 |         |   | libutils
2364 |         |   |   | Android.mk
2365 |         |   |   | BasicHashtable.cpp
2366 |         |   |   | BlobCache.cpp
2367 |         |   |   | CallStack.cpp
2368 |         |   |   | CleanSpec.mk
2369 |         |   |   | FileMap.cpp
2370 |         |   |   | JenkinsHash.cpp
2371 |         |   |   | LinearAllocator.cpp
2372 |         |   |   | LinearTransform.cpp
2373 |         |   |   | Log.cpp
2374 |         |   |   | Looper.cpp
2375 |         |   |   | MODULE_LICENSE_APACHE2
2376 |         |   |   | NOTICE
2377 |         |   |   | NativeHandle.cpp
2378 |         |   |   | Printer.cpp
2379 |         |   |   | ProcessCallStack.cpp
2380 |         |   |   | PropertyMap.cpp
2381 |         |   |   | README
2382 |         |   |   | RefBase.cpp
2383 |         |   |   | SharedBuffer.cpp
2384 |         |   |   | SharedBufferTest.cpp
2385 |         |   |   | Static.cpp
2386 |         |   |   | Stopwatch.cpp
2387 |         |   |   | String16.cpp
2388 |         |   |   | String8.cpp
2389 |         |   |   | SystemClock.cpp
2390 |         |   |   | Threads.cpp
2391 |         |   |   | Timers.cpp
2392 |         |   |   | Tokenizer.cpp
2393 |         |   |   | Trace.cpp
2394 |         |   |   | Unicode.cpp
2395 |         |   |   | VectorImpl.cpp
2396 |         |   |   | misc.cpp
2397 |         |   |   | primes.py
2398 |         |   |   | tests
2399 |         |   | libziparchive
2400 |         |   |   | Android.mk
2401 |         |   |   | testdata
2402 |         |   |   | zip_archive.cc
2403 |         |   |   | zip_archive_test.cc
2404 |         |   | t.txt
2405 |
2406 | 451 directories, 1952 files

```

这样,提取后大概在4个G左右,其实大部分大小都是prebuilts目录占据的,其他源码加起来并不大。

而Android6.0,也就是现在主分支上的代码,则需要提取的文件更多了,提取完大概在5个G。

```

1 | .
2 |   | Android.bp -> build/soong/root.bp
3 |   | Makefile
4 |   | a.txt
5 |   | bionic
6 |   |   | Android.bp
7 |   |   | Android.mk
8 |   |   | Android.soong.mk

```

```
9 | | | | | CPPLINT.cfg
10 | | | | | CleanSpec.mk
11 | | | | | README.md
12 | | | | | benchmarks
13 | | | | | | Android.mk
14 | | | | | | math_benchmark.cpp
15 | | | | | | property_benchmark.cpp
16 | | | | | | pthread_benchmark.cpp
17 | | | | | | semaphore_benchmark.cpp
18 | | | | | | stdio_benchmark.cpp
19 | | | | | | string_benchmark.cpp
20 | | | | | | time_benchmark.cpp
21 | | | | | | unistd_benchmark.cpp
22 | | | | | build
23 | | | | | | run-on-host.mk
24 | | | | | libc
25 | | | | | | Android.bp
26 | | | | | | Android.mk
27 | | | | | | Android.soong.mk
28 | | | | | | MODULE_LICENSE_BSD
29 | | | | | | NOTICE
30 | | | | | | SYSCALLS.TXT
31 | | | | | | arch-arm
32 | | | | | | | arm.mk
33 | | | | | | | bionic
34 | | | | | | | cortex-a15
35 | | | | | | | cortex-a53
36 | | | | | | | cortex-a53.a57
37 | | | | | | | cortex-a7
38 | | | | | | | cortex-a8
39 | | | | | | | cortex-a9
40 | | | | | | | denver
41 | | | | | | | generic
42 | | | | | | | include
43 | | | | | | | krait
44 | | | | | | | syscalls
45 | | | | | | arch-arm64
46 | | | | | | | arm64.mk
47 | | | | | | | bionic
48 | | | | | | | cortex-a53
49 | | | | | | | denver64
50 | | | | | | | generic
51 | | | | | | | include
52 | | | | | | | syscalls
53 | | | | | | arch-common
54 | | | | | | | bionic
55 | | | | | | arch-mips
56 | | | | | | | bionic
57 | | | | | | | include
58 | | | | | | | mips.mk
59 | | | | | | | string
60 | | | | | | | syscalls
61 | | | | | | arch-mips64
62 | | | | | | | bionic
63 | | | | | | | include -> ../arch-mips/include
64 | | | | | | | mips64.mk
65 | | | | | | | syscalls
66 | | | | | | arch-x86
67 | | | | | | | atom
68 | | | | | | | bionic
69 | | | | | | | generic
70 | | | | | | | include
71 | | | | | | | silvermont
```



```
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757 | | |   dlopen_b.cpp
758 | | |   dlopen_check_order_dlsym_answer.cpp
759 | | |   dlopen_check_order_reloc_answer.cpp
760 | | |   dlopen_check_order_reloc_answer_impl.cpp
761 | | |   dlopen_check_order_reloc_grandchild_answer.cpp
762 | | |   dlopen_check_order_reloc_grandchild_answer_impl.cpp
763 | | |   dlopen_check_order_reloc_nephew_answer.cpp
764 | | |   dlopen_check_order_reloc_root_answer.cpp
```

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|_ coshf intel data.h
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828 | | | | | exp2_intel_data.h
829 | | | | | exp2f_intel_data.h
830 | | | | | exp_intel_data.h
831 | | | | | expf_intel_data.h
832 | | | | | expml_intel_data.h
833 | | | | | expmlf_intel_data.h
834 | | | | | fabs_intel_data.h
835 | | | | | fabsf_intel_data.h
836 | | | | | fdim_intel_data.h
837 | | | | | fdimf_intel_data.h
838 | | | | | floor_intel_data.h
839 | | | | | floorf_intel_data.h
840 | | | | | fma_intel_data.h
841 | | | | | fmaf_intel_data.h
842 | | | | | fmax_intel_data.h
843 | | | | | fmaxf_intel_data.h
844 | | | | | fmin_intel_data.h
845 | | | | | fminf_intel_data.h
846 | | | | | fmod_intel_data.h
847 | | | | | fmodf_intel_data.h
848 | | | | | frexp_intel_data.h
849 | | | | | frexpf_intel_data.h
850 | | | | | hypot_intel_data.h
851 | | | | | hypotf_intel_data.h
852 | | | | | ilogb_intel_data.h
853 | | | | | ilogbf_intel_data.h
854 | | | | | ldexp_intel_data.h
855 | | | | | ldexpf_intel_data.h
856 | | | | | llrint_intel_data.h
857 | | | | | llrintf_intel_data.h
858 | | | | | log10_intel_data.h
859 | | | | | log10f_intel_data.h
860 | | | | | log1p_intel_data.h
861 | | | | | log1pf_intel_data.h
862 | | | | | log2_intel_data.h
863 | | | | | log2f_intel_data.h
864 | | | | | log_intel_data.h
865 | | | | | logb_intel_data.h
866 | | | | | logbf_intel_data.h
867 | | | | | logf_intel_data.h
868 | | | | | lrint_intel_data.h
869 | | | | | lrintf_intel_data.h
870 | | | | | modf_intel_data.h
871 | | | | | modff_intel_data.h
872 | | | | | nearbyint_intel_data.h
873 | | | | | nearbyintf_intel_data.h
874 | | | | | nextafter_intel_data.h
875 | | | | | nextafterf_intel_data.h
876 | | | | | pow_intel_data.h
877 | | | | | powf_intel_data.h
878 | | | | | remainder_intel_data.h
879 | | | | | remainderf_intel_data.h
880 | | | | | remquo_intel_data.h
881 | | | | | remquoof_intel_data.h
882 | | | | | rint_intel_data.h
883 | | | | | rintf_intel_data.h
884 | | | | | round_intel_data.h
885 | | | | | roundf_intel_data.h
886 | | | | | scalb_intel_data.h
887 | | | | | scalbf_intel_data.h
888 | | | | | scalbn_intel_data.h
889 | | | | | scalbnf_intel_data.h
890 | | | | | significand_intel_data.h
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891 | | | | | — significandf_intel_data.h
892 | | | | | — sin_intel_data.h
893 | | | | | — sincos_intel_data.h
894 | | | | | — sincosf_intel_data.h
895 | | | | | — sinf_intel_data.h
896 | | | | | — sinh_intel_data.h
897 | | | | | — sinhf_intel_data.h
898 | | | | | — sqrt_intel_data.h
899 | | | | | — sqrtf_intel_data.h
900 | | | | | — tan_intel_data.h
901 | | | | | — tanf_intel_data.h
902 | | | | | — tanh_intel_data.h
903 | | | | | — tanhf_intel_data.h
904 | | | | | — trunc_intel_data.h
905 | | | | | — truncf_intel_data.h
906 | | | — math_data_test.h
907 | | | — math_test.cpp
908 | | | — mntent_test.cpp
909 | | | — net_if_test.cpp
910 | | | — netdb_test.cpp
911 | | | — netinet_ether_test.cpp
912 | | | — netinet_in_test.cpp
913 | | | — netinet_udp_test.cpp
914 | | | — nl_types_test.cpp
915 | | | — pthread_dlfcn_test.cpp
916 | | | — pthread_test.cpp
917 | | | — pty_test.cpp
918 | | | — regex_test.cpp
919 | | | — resolv_test.cpp
920 | | | — sched_test.cpp
921 | | | — search_test.cpp
922 | | | — semaphore_test.cpp
923 | | | — setjmp_test.cpp
924 | | | — signal_test.cpp
925 | | | — sstream_test.cpp
926 | | | — stack_protector_test.cpp
927 | | | — stack_protector_test_helper.cpp
928 | | | — stack_unwinding_test.cpp
929 | | | — stdatomic_test.cpp
930 | | | — stdint_test.cpp
931 | | | — stdio_ext_test.cpp
932 | | | — stdio_nofortify_test.cpp
933 | | | — stdio_test.cpp
934 | | | — stdlib_test.cpp
935 | | | — string_nofortify_test.cpp
936 | | | — string_posix_strerror_r_test.cpp
937 | | | — string_test.cpp
938 | | | — strings_nofortify_test.cpp
939 | | | — strings_test.cpp
940 | | | — sys_epoll_test.cpp
941 | | | — sys_mman_test.cpp
942 | | | — sys_personality_test.cpp
943 | | | — sys_prctl_test.cpp
944 | | | — sys_procfs_test.cpp
945 | | | — sys_ptrace_test.cpp
946 | | | — sys_quota_test.cpp
947 | | | — sys_resource_test.cpp
948 | | | — sys_select_test.cpp
949 | | | — sys_sendfile_test.cpp
950 | | | — sys_socket_test.cpp
951 | | | — sys_stat_test.cpp
952 | | | — sys_statvfs_test.cpp
953 | | | — sys_syscall_test.cpp
```

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954 | | | | | sys_sysinfo_test.cpp
955 | | | | | sys_sysmacros_test.cpp
956 | | | | | sys_time_test.cpp
957 | | | | | sys_timex_test.cpp
958 | | | | | sys_types_test.cpp
959 | | | | | sys_uio_test.cpp
960 | | | | | sys_vfs_test.cpp
961 | | | | | sys_xattr_test.cpp
962 | | | | | system_properties_test.cpp
963 | | | | | thread_local_test.cpp
964 | | | | | time_test.cpp
965 | | | | | uchar_test.cpp
966 | | | | | uniqueptr_test.cpp
967 | | | | | unistd_nofortify_test.cpp
968 | | | | | unistd_test.cpp
969 | | | | | utils.h
970 | | | | | utmp_test.cpp
971 | | | | | wchar_test.cpp
972 | | | | | wctype_test.cpp
973 | | | | | tools
974 | | | | | | Android.mk
975 | | | | | | bionicbb
976 | | | | | | | README.md
977 | | | | | | | bionicbb.py
978 | | | | | | | gerrit.py
979 | | | | | | | gmail.py
980 | | | | | | | presubmit.py
981 | | | | | | | tasks.py
982 | | | | | | | test_tasks.py
983 | | | | | | relocation_packer
984 | | | | | | | Android.mk
985 | | | | | | | LICENSE
986 | | | | | | | src
987 | | | | | | | test_data
988 | | | | | bootstrap.bash -> build/soong/bootstrap.bash
989 | | | | | build
990 | | | | | | CleanSpec.mk
991 | | | | | | blueprint
992 | | | | | | | Blueprints
993 | | | | | | | CONTRIBUTING.md
994 | | | | | | | LICENSE
995 | | | | | | | README.md
996 | | | | | | | blueprint.bash
997 | | | | | | | bootstrap
998 | | | | | | | | bootstrap.go
999 | | | | | | | | bpdoc
1000 | | | | | | | | cleanup.go
1001 | | | | | | | | command.go
1002 | | | | | | | | config.go
1003 | | | | | | | | doc.go
1004 | | | | | | | | minibp
1005 | | | | | | | | | writedocs.go
1006 | | | | | | | bootstrap.bash
1007 | | | | | | | bpfmt
1008 | | | | | | | | bpfmt.go
1009 | | | | | | | bpmofity
1010 | | | | | | | | bpmofity.go
1011 | | | | | | | build.ninja.in
1012 | | | | | | | choosstage
1013 | | | | | | | | choosstage.go
1014 | | | | | | | context.go
1015 | | | | | | | context_test.go
1016 | | | | | | | context_test_Blueprints
```

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1017 |         |   ├── deptools
1018 |         |       └── depfile.go
1019 |         |   ├── doc.go
1020 |         |   ├── gotestmain
1021 |         |       └── gotestmain.go
1022 |         |   ├── gotestrunner
1023 |         |       └── gotestrunner.go
1024 |         |   ├── live_tracker.go
1025 |         |   ├── loadplugins
1026 |         |       └── loadplugins.go
1027 |         |   ├── mangle.go
1028 |         |   ├── module_ctx.go
1029 |         |   ├── ninja_defs.go
1030 |         |   ├── ninja_strings.go
1031 |         |   ├── ninja_strings_test.go
1032 |         |   ├── ninja_writer.go
1033 |         |   ├── ninja_writer_test.go
1034 |         |   ├── package_ctx.go
1035 |         |   ├── parser
1036 |         |       ├── modify.go
1037 |         |       ├── parser.go
1038 |         |       ├── parser_test.go
1039 |         |       ├── printer.go
1040 |         |       ├── printer_test.go
1041 |         |       └── sort.go
1042 |         |   ├── pathtools
1043 |         |       ├── glob.go
1044 |         |       ├── glob_test.go
1045 |         |       ├── lists.go
1046 |         |       └── testdata
1047 |         |   ├── proptools
1048 |         |       ├── clone.go
1049 |         |       ├── clone_test.go
1050 |         |       ├── extend.go
1051 |         |       ├── extend_test.go
1052 |         |       ├── proptools.go
1053 |         |       ├── typeequal.go
1054 |         |       └── typeequal_test.go
1055 |         |   ├── scope.go
1056 |         |   ├── singleton_ctx.go
1057 |         |   ├── splice_modules_test.go
1058 |         |   ├── tests
1059 |         |       ├── bootstrap.bash
1060 |         |       ├── expected_all
1061 |         |       ├── expected_manifest
1062 |         |       ├── expected_none
1063 |         |       ├── expected_primary
1064 |         |       ├── expected_rebuild_test
1065 |         |       ├── expected_regen
1066 |         |       ├── expected_start
1067 |         |       ├── expected_start2
1068 |         |       ├── expected_start_add_tests
1069 |         |       ├── expected_wrapper_all
1070 |         |       ├── expected_wrapper_regen
1071 |         |       ├── expected_wrapper_start
1072 |         |       ├── expected_wrapper_start2
1073 |         |       └── test.sh
1074 |         |   ├── unpack.go
1075 |         |       └── unpack_test.go
1076 |     ├── buildspec.mk.default
1077 |     └── core
1078 |         ├── LINUX_KERNEL_COPYING
1079 |         └── Makefile

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1080 | | | android_manifest.mk
1081 | | | apicheck_msg_current.txt
1082 | | | apicheck_msg_last.txt
1083 | | | base_rules.mk
1084 | | | binary.mk
1085 | | | build-system.html
1086 | | | build_id.mk
1087 | | | ccache.mk
1088 | | | checktree
1089 | | | clang
1090 | | |   HOST_CROSS_x86.mk
1091 | | |   HOST_CROSS_x86_64.mk
1092 | | |   HOST_x86.mk
1093 | | |   HOST_x86_64.mk
1094 | | |   TARGET_arm.mk
1095 | | |   TARGET_arm64.mk
1096 | | |   TARGET_mips.mk
1097 | | |   TARGET_mips64.mk
1098 | | |   TARGET_x86.mk
1099 | | |   TARGET_x86_64.mk
1100 | | |   config.mk
1101 | | |   tidy.mk
1102 | | |   versions.mk
1103 | | | cleanbuild.mk
1104 | | | cleanspec.mk
1105 | | | clear_vars.mk
1106 | | | combo
1107 | | |   HOST_CROSS_windows-x86.mk
1108 | | |   HOST_CROSS_windows-x86_64.mk
1109 | | |   HOST_darwin-x86.mk
1110 | | |   HOST_darwin-x86_64.mk
1111 | | |   HOST_linux-x86.mk
1112 | | |   HOST_linux-x86_64.mk
1113 | | |   TARGET_linux-arm.mk
1114 | | |   TARGET_linux-arm64.mk
1115 | | |   TARGET_linux-mips.mk
1116 | | |   TARGET_linux-mips64.mk
1117 | | |   TARGET_linux-x86.mk
1118 | | |   TARGET_linux-x86_64.mk
1119 | | | arch
1120 | | | fdo.mk
1121 | | | javac.mk
1122 | | | select.mk
1123 | | | config.mk
1124 | | | config_sanitizers.mk
1125 | | | configure_local_jack.mk
1126 | | | configure_module_stem.mk
1127 | | | copy_headers.mk
1128 | | | cxx_std_setup.mk
1129 | | | definitions.mk
1130 | | | device.mk
1131 | | | dex_preopt.mk
1132 | | | dex_preopt_libart.mk
1133 | | | dex_preopt_libart_boot.mk
1134 | | | dex_preopt_odex_install.mk
1135 | | | distdir.mk
1136 | | | dpi_specific_apk.mk
1137 | | | droiddoc.mk
1138 | | | dumpvar.mk
1139 | | | dynamic_binary.mk
1140 | | | envsetup.mk
1141 | | | executable.mk
1142 | | | executable_internal.mk

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1143 | | | — executable_prefer_symlink.mk
1144 | | | — filter_symbols.sh
1145 | | | — find-jdk-tools-jar.sh
1146 | | | — fuzz_test.mk
1147 | | | — goma.mk
1148 | | | — help.mk
1149 | | | — host_dalvik_java_library.mk
1150 | | | — host_dalvik_static_java_library.mk
1151 | | | — host_executable.mk
1152 | | | — host_executable_internal.mk
1153 | | | — host_fuzz_test.mk
1154 | | | — host_java_library.mk
1155 | | | — host_java_library_common.mk
1156 | | | — host_native_test.mk
1157 | | | — host_prebuilt.mk
1158 | | | — host_shared_library.mk
1159 | | | — host_shared_library_internal.mk
1160 | | | — host_shared_test_lib.mk
1161 | | | — host_static_library.mk
1162 | | | — host_static_library_internal.mk
1163 | | | — host_static_test_lib.mk
1164 | | | — host_test_internal.mk
1165 | | | — install_jni_libs.mk
1166 | | | — install_jni_libs_internal.mk
1167 | | | — jack-default.args
1168 | | | — java.mk
1169 | | | — java_common.mk
1170 | | | — java_library.mk
1171 | | | — main.mk
1172 | | | — module_arch_supported.mk
1173 | | | — multi_prebuilt.mk
1174 | | | — multilib.mk
1175 | | | — native_benchmark.mk
1176 | | | — native_test.mk
1177 | | | — ninja.mk
1178 | | | — no_java_path
1179 | | |   |— jar -> java
1180 | | |   |— jarsigner -> java
1181 | | |   |— java
1182 | | |   |— javac -> java
1183 | | |   |— keytool -> java
1184 | | | — node_fns.mk
1185 | | | — notice_files.mk
1186 | | | — package.mk
1187 | | | — package_internal.mk
1188 | | | — pathmap.mk
1189 | | | — pdk_config.mk
1190 | | | — pdk_fusion_modules.mk
1191 | | | — phony_package.mk
1192 | | | — post_clean.mk
1193 | | | — prebuilt.mk
1194 | | | — prebuilt_internal.mk
1195 | | | — process_wrapper.sh
1196 | | | — process_wrapper_gdb.cmds
1197 | | | — process_wrapper_gdb.sh
1198 | | | — product-graph.mk
1199 | | | — product.mk
1200 | | | — product_config.mk
1201 | | | — proguard.emma.flags
1202 | | | — proguard.flags
1203 | | | — proguard.jacoco.flags
1204 | | | — proguard_basic_keeps.flags
1205 | | | — proguard_tests.flags

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1206 | | | | | root.mk
1207 | | | | | sdk_font.mk
1208 | | | | | setup_one_odex.mk
1209 | | | | | shared_library.mk
1210 | | | | | shared_library_internal.mk
1211 | | | | | shared_test_lib.mk
1212 | | | | | soong.mk
1213 | | | | | static_java_library.mk
1214 | | | | | static_library.mk
1215 | | | | | static_library_internal.mk
1216 | | | | | static_test_lib.mk
1217 | | | | | target_test_internal.mk
1218 | | | | | tasks
1219 | | | | | | | apicheck.mk
1220 | | | | | | | boot_jars_package_check.mk
1221 | | | | | | | build_custom_images.mk
1222 | | | | | | | check_boot_jars
1223 | | | | | | | collect_gpl_sources.mk
1224 | | | | | | | cts.mk
1225 | | | | | | | deps_licenses.mk
1226 | | | | | | | ide.mk
1227 | | | | | | | oem_image.mk
1228 | | | | | | | sdk-addon.mk
1229 | | | | | | | tools
1230 | | | | | | | vendor_module_check.mk
1231 | | | | | | | version_defaults.mk
1232 | | | | | envsetup.sh
1233 | | | | | libs
1234 | | | | | | | host
1235 | | | | | | | | | Android.mk
1236 | | | | | | | | | CopyFile.c
1237 | | | | | | | | | include
1238 | | | | | soong
1239 | | | | | | | Android.bp
1240 | | | | | | | android
1241 | | | | | | | | | androidmk.go
1242 | | | | | | | | | arch.go
1243 | | | | | | | | | config.go
1244 | | | | | | | | | defaults.go
1245 | | | | | | | | | defs.go
1246 | | | | | | | | | env.go
1247 | | | | | | | | | glob.go
1248 | | | | | | | | | makevars.go
1249 | | | | | | | | | module.go
1250 | | | | | | | | | mutator.go
1251 | | | | | | | | | package_ctx.go
1252 | | | | | | | | | paths.go
1253 | | | | | | | | | paths_test.go
1254 | | | | | | | | | util.go
1255 | | | | | | | | | variable.go
1256 | | | | | | | androidmk
1257 | | | | | | | | | cmd
1258 | | | | | | | | | parser
1259 | | | | | | | bootstrap.bash
1260 | | | | | | | build.ninja.in
1261 | | | | | | | cc
1262 | | | | | | | | | androidmk.go
1263 | | | | | | | | | arm64_device.go
1264 | | | | | | | | | arm_device.go
1265 | | | | | | | | | builder.go
1266 | | | | | | | | | cc.go
1267 | | | | | | | | | cc_test.go
1268 | | | | | | | | | check.go
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1269 | | | | clang.go
1270 | | | | gen.go
1271 | | | | makevars.go
1272 | | | | mips64_device.go
1273 | | | | mips_device.go
1274 | | | | sanitize.go
1275 | | | | stl.go
1276 | | | | toolchain.go
1277 | | | | util.go
1278 | | | | x86_64_device.go
1279 | | | | x86_darwin_host.go
1280 | | | | x86_device.go
1281 | | | | x86_linux_host.go
1282 | | | | x86_windows_host.go
1283 | | | | cmd
1284 | | | | | soong_build
1285 | | | | | soong_env
1286 | | | | | soong_glob
1287 | | | | | soong_jar
1288 | | | | doc.go
1289 | | | | env
1290 | | | | | env.go
1291 | | | | genrule
1292 | | | | | genrule.go
1293 | | | | glob
1294 | | | | | glob.go
1295 | | | | java
1296 | | | | | androidmk.go
1297 | | | | | app.go
1298 | | | | | app_builder.go
1299 | | | | | builder.go
1300 | | | | | gen.go
1301 | | | | | java.go
1302 | | | | | resources.go
1303 | | | | register.go
1304 | | | | root.bp
1305 | | | | scripts
1306 | | | | | copygcclib.sh
1307 | | | | | reverse_path.py
1308 | | | | | reverse_path_test.py
1309 | | | | | strip.sh
1310 | | | | soong.bash
1311 | | | | soong.bootstrap.in
1312 | | | | target
1313 | | | | | board
1314 | | | | | | Android.mk
1315 | | | | | | generic
1316 | | | | | | generic_arm64
1317 | | | | | | generic_armv5
1318 | | | | | | generic_mips
1319 | | | | | | generic_mips64
1320 | | | | | | generic_x86
1321 | | | | | | generic_x86_64
1322 | | | | | | generic_x86_arm
1323 | | | | | product
1324 | | | | | | AndroidProducts.mk
1325 | | | | | | aosp_arm.mk
1326 | | | | | | aosp_arm64.mk
1327 | | | | | | aosp_base.mk
1328 | | | | | | aosp_base_telephony.mk
1329 | | | | | | aosp_mips.mk
1330 | | | | | | aosp_mips64.mk
1331 | | | | | | aosp_x86.mk
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1332 | | | | | aosp_x86_64.mk
1333 | | | | | aosp_x86_arm.mk
1334 | | | | | base.mk
1335 | | | | | core.mk
1336 | | | | | core_64_bit.mk
1337 | | | | | core_base.mk
1338 | | | | | core_minimal.mk
1339 | | | | | core_tiny.mk
1340 | | | | | embedded.mk
1341 | | | | | emulator.mk
1342 | | | | | full.mk
1343 | | | | | full_base.mk
1344 | | | | | full_base_telephony.mk
1345 | | | | | full_mips.mk
1346 | | | | | full_x86.mk
1347 | | | | | generic.mk
1348 | | | | | generic_armv5.mk
1349 | | | | | generic_mips.mk
1350 | | | | | generic_no_telephony.mk
1351 | | | | | generic_x86.mk
1352 | | | | | languages_full.mk
1353 | | | | | languages_small.mk
1354 | | | | | locales_full.mk
1355 | | | | | runtime_libart.mk
1356 | | | | | sdk.mk
1357 | | | | | sdk_arm64.mk
1358 | | | | | sdk_base.mk
1359 | | | | | sdk_mips.mk
1360 | | | | | sdk_phone_arm64.mk
1361 | | | | | sdk_phone_armv7.mk
1362 | | | | | sdk_phone_mips.mk
1363 | | | | | sdk_phone_mips64.mk
1364 | | | | | sdk_phone_x86.mk
1365 | | | | | sdk_phone_x86_64.mk
1366 | | | | | sdk_x86.mk
1367 | | | | | sdk_x86_64.mk
1368 | | | | | security
1369 | | | | | telephony.mk
1370 | | | | | vboot.mk
1371 | | | | | verity.mk
1372 | | | | | tools
1373 | | | | | | | Android.mk
1374 | | | | | | | acp
1375 | | | | | | | | | Android.mk
1376 | | | | | | | | | README
1377 | | | | | | | | | acp.c
1378 | | | | | | | adbs
1379 | | | | | | | apicheck
1380 | | | | | | | | | Android.mk
1381 | | | | | | | | | etc
1382 | | | | | | | apksigner
1383 | | | | | | | | | Android.mk
1384 | | | | | | | | | core
1385 | | | | | | | atree
1386 | | | | | | | | | Android.mk
1387 | | | | | | | | | atree.cpp
1388 | | | | | | | | | files.cpp
1389 | | | | | | | | | files.h
1390 | | | | | | | | | fs.cpp
1391 | | | | | | | | | fs.h
1392 | | | | | | | | | options.h
1393 | | | | | | | brillo-clang-format
1394 | | | | | | | buildinfo.sh
```

```

1395 |— check_builds.sh
1396 |— check_radio_versions.py
1397 |— compare_fileslist.py
1398 |— diff_package_overlays.py
1399 |— droiddoc
1400 |   |— Android.mk
1401 |   |— templates-ds
1402 |   |— templates-ndk
1403 |   |— templates-pdk
1404 |   |— templates-sac
1405 |   |— templates-sdk
1406 |   |— templates-sdk-dev
1407 |   └─ test
1408 |— dump-package-stats
1409 |— event_log_tags.py
1410 |— fileslist.py
1411 |— filter-product-graph.py
1412 |— findleaves.py
1413 |— fixlinebreaks.sh
1414 |— fs_config
1415 |   |— Android.mk
1416 |   |— README
1417 |   |— default
1418 |   |— fs_config.c
1419 |   |— fs_config_generate.c
1420 |   └─ fs_config_generator.py
1421 |— fs_get_stats
1422 |   |— Android.mk
1423 |   └─ fs_get_stats.c
1424 |— generate-notice-files.py
1425 |— ijar
1426 |   |— Android.mk
1427 |   |— LICENSE
1428 |   |— README.txt
1429 |   |— classfile.cc
1430 |   |— common.h
1431 |   |— ijar.cc
1432 |   |— zip.cc
1433 |   |— zip.h
1434 |   └─ zip_main.cc
1435 |— java-event-log-tags.py
1436 |— java-layers.py
1437 |— makeparallel
1438 |   |— Android.bp
1439 |   |— Makefile
1440 |   |— Makefile.test
1441 |   |— README.md
1442 |   └─ makeparallel.cpp
1443 |— merge-event-log-tags.py
1444 |— mktarball.sh
1445 |— normalize_path.py
1446 |— parsedeps.py
1447 |— post_process_props.py
1448 |— print_module_licenses.sh
1449 |— product_debug.py
1450 |— releasetools
1451 |   |— add_img_to_target_files -> add_img_to_target_files.py
1452 |   |— add_img_to_target_files.py
1453 |   |— blockingdiff.py
1454 |   |— build_image.py
1455 |   |— check_target_files_signatures -> check_target_files_signature
1456 |   |— check_target_files_signatures.py
1457 |   └─ common.py

```

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1458 | | | | edify_generator.py
1459 | | | | | img_from_target_files -> img_from_target_files.py
1460 | | | | | img_from_target_files.py
1461 | | | | | make_recovery_patch -> make_recovery_patch.py
1462 | | | | | make_recovery_patch.py
1463 | | | | | ota_from_target_files -> ota_from_target_files.py
1464 | | | | | ota_from_target_files.py
1465 | | | | | pylintrc
1466 | | | | | rangelib.py
1467 | | | | | sign_target_files_apks -> sign_target_files_apks.py
1468 | | | | | sign_target_files_apks.py
1469 | | | | | sparse_img.py
1470 | | | | | target_files_diff.py
1471 | | | | | test_common.py
1472 | | | | | test_rangelib.py
1473 | | | | | rgb2565
1474 | | | | | | Android.mk
1475 | | | | | | to565.c
1476 | | | | | signapk
1477 | | | | | | Android.mk
1478 | | | | | | SignApk.mf
1479 | | | | | | src
1480 | | | | | | test
1481 | | | | | signtos
1482 | | | | | | Android.mk
1483 | | | | | | SignTos.java
1484 | | | | | | SignTos.mf
1485 | | | | | warn.py
1486 | | | | | zipalign
1487 | | | | | | Android.mk
1488 | | | | | | README.txt
1489 | | | | | | ZipAlign.cpp
1490 | | | | | | ZipEntry.cpp
1491 | | | | | | ZipEntry.h
1492 | | | | | | ZipFile.cpp
1493 | | | | | | ZipFile.h
1494 | | | | | | | ziptime
1495 | | | | | | | | Android.mk
1496 | | | | | | | | README.txt
1497 | | | | | | | | ZipEntry.cpp
1498 | | | | | | | | ZipEntry.h
1499 | | | | | | | | ZipFile.cpp
1500 | | | | | | | | ZipFile.h
1501 | | | | | | | | ZipTime.cpp
1502 | | | | development
1503 | | | | | build
1504 | | | | | | Android.mk
1505 | | | | | | build_android_stubs.mk
1506 | | | | | | optional.json
1507 | | | | | | product_sdk.mk
1508 | | | | | | sdk-android-arm64-v8a.atree
1509 | | | | | | sdk-android-armeabi-v7a.atree
1510 | | | | | | sdk-android-armeabi.atree
1511 | | | | | | sdk-android-mips.atree
1512 | | | | | | sdk-android-mips64.atree
1513 | | | | | | sdk-android-x86.atree
1514 | | | | | | sdk-android-x86_64.atree
1515 | | | | | | sdk-darwin-x86.atree
1516 | | | | | | sdk-linux-x86.atree
1517 | | | | | | sdk-windows-x86.atree
1518 | | | | | | sdk.atree
1519 | | | | | | sdk.exclude.atree
1520 | | | | | tools

```

```
1521 |         | mk_sdk_repo_xml.sh
1522 |         | mk_sources_zip.py
1523 |         | patch_windows_sdk.sh
1524 |         | sdk_clean.sh
1525 |         | sdk_repo.mk
1526 |         | windows_sdk.mk
1527 |     | external
1528 |     | | compiler-rt
1529 |     | | | Android.bp
1530 |     | | | Android.mk
1531 |     | | | CMakeLists.txt
1532 |     | | | CODE_OWNERS.TXT
1533 |     | | | CREDITS.TXT
1534 |     | | | LICENSE.TXT
1535 |     | | | MODULE_LICENSE_MIT
1536 |     | | | Makefile
1537 |     | | | NOTICE
1538 |     | | | README.android
1539 |     | | | README.txt
1540 |     | | | README.version
1541 |     | | | cmake
1542 |     | | | | Modules
1543 |     | | | | config-ix.cmake
1544 |     | | | include
1545 |     | | | | CMakeLists.txt
1546 |     | | | | sanitizer
1547 |     | | | lib
1548 |     | | | | BlocksRuntime
1549 |     | | | | CMakeLists.txt
1550 |     | | | | Makefile.mk
1551 |     | | | | asan
1552 |     | | | | builtins
1553 |     | | | | cfi
1554 |     | | | | dfsan
1555 |     | | | | interception
1556 |     | | | | lsan
1557 |     | | | | msan
1558 |     | | | | profile
1559 |     | | | | safestack
1560 |     | | | | sanitizer_common
1561 |     | | | | tsan
1562 |     | | | | ubsan
1563 |     | | | make
1564 |     | | | | AppleBI.mk
1565 |     | | | | config.mk
1566 |     | | | | filter-inputs
1567 |     | | | | lib_info.mk
1568 |     | | | | lib_platforms.mk
1569 |     | | | | lib_util.mk
1570 |     | | | | options.mk
1571 |     | | | | platform
1572 |     | | | | subdir.mk
1573 |     | | | | test
1574 |     | | | | util.mk
1575 |     | | | test
1576 |     | | | | BlocksRuntime
1577 |     | | | | CMakeLists.txt
1578 |     | | | | asan
1579 |     | | | | builtins
1580 |     | | | | cfi
1581 |     | | | | dfsan
1582 |     | | | | lit.common.cfg
1583 |     | | | | lit.common.configured.in
```



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1584 |         |         |         |         |         |         |         |         |         |         |
1585 |         |         |         |         |         |         |         |         |         |         |
1586 |         |         |         |         |         |         |         |         |         |         |
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1600 |         |         |         |         |         |         |         |         |         |         |
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1610 |         |         |         |         |         |         |         |         |         |         |
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1613 |         |         |         |         |         |         |         |         |         |         |
1614 |         |         |         |         |         |         |         |         |         |         |
1615 |         |         |         |         |         |         |         |         |         |         |
1616 |         |         |         |         |         |         |         |         |         |         |
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1618 |         |         |         |         |         |         |         |         |         |         |
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1620 |         |         |         |         |         |         |         |         |         |         |
1621 |         |         |         |         |         |         |         |         |         |         |
1622 |         |         |         |         |         |         |         |         |         |         |
1623 |         |         |         |         |         |         |         |         |         |         |
1624 |         |         |         |         |         |         |         |         |         |         |
1625 |         |         |         |         |         |         |         |         |         |         |
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1627 |         |         |         |         |         |         |         |         |         |         |
1628 |         |         |         |         |         |         |         |         |         |         |
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1630 |         |         |         |         |         |         |         |         |         |         |
1631 |         |         |         |         |         |         |         |         |         |         |
1632 |         |         |         |         |         |         |         |         |         |         |
1633 |         |         |         |         |         |         |         |         |         |         |
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1635 |         |         |         |         |         |         |         |         |         |         |
1636 |         |         |         |         |         |         |         |         |         |         |
1637 |         |         |         |         |         |         |         |         |         |         |
1638 |         |         |         |         |         |         |         |         |         |         |
1639 |         |         |         |         |         |         |         |         |         |         |
1640 |         |         |         |         |         |         |         |         |         |         |
1641 |         |         |         |         |         |         |         |         |         |         |
1642 |         |         |         |         |         |         |         |         |         |         |
1643 |         |         |         |         |         |         |         |         |         |         |
1644 |         |         |         |         |         |         |         |         |         |         |
1645 |         |         |         |         |         |         |         |         |         |         |
1646 |         |         |         |         |         |         |         |         |         |         |

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1647 |         |   └─ xmltest.sh
1648 |         |   └─ gtest
1649 |         |       └─ Android.bp
1650 |         |       └─ Android.mk
1651 |         |       └─ CHANGES
1652 |         |       └─ CONTRIBUTORS
1653 |         |       └─ COPYING
1654 |         |       └─ CleanSpec.mk
1655 |         |       └─ MODULE_LICENSE_BSD_LIKE
1656 |         |       └─ NOTICE
1657 |         |       └─ README
1658 |         |       └─ README.android
1659 |         |       └─ include
1660 |         |           └─ gtest
1661 |         |       └─ src
1662 |         |           └─ Android.mk
1663 |         |           └─ gtest-all.cc
1664 |         |           └─ gtest-death-test.cc
1665 |         |           └─ gtest-filepath.cc
1666 |         |           └─ gtest-internal-inl.h
1667 |         |           └─ gtest-port.cc
1668 |         |           └─ gtest-printers.cc
1669 |         |           └─ gtest-test-part.cc
1670 |         |           └─ gtest-typed-test.cc
1671 |         |           └─ gtest.cc
1672 |         |           └─ gtest_main.cc
1673 |         |   └─ test
1674 |         |       └─ Android.mk
1675 |         |       └─ gtest-death-test_ex_test.cc
1676 |         |       └─ gtest-death-test_test.cc
1677 |         |       └─ gtest-filepath_test.cc
1678 |         |       └─ gtest-linked_ptr_test.cc
1679 |         |       └─ gtest-listener_test.cc
1680 |         |       └─ gtest-message_test.cc
1681 |         |       └─ gtest-options_test.cc
1682 |         |       └─ gtest-param-test2_test.cc
1683 |         |       └─ gtest-param-test_test.cc
1684 |         |       └─ gtest-param-test_test.h
1685 |         |       └─ gtest-port_test.cc
1686 |         |       └─ gtest-printers_test.cc
1687 |         |       └─ gtest-test-part_test.cc
1688 |         |       └─ gtest-tuple_test.cc
1689 |         |       └─ gtest-typed-test2_test.cc
1690 |         |       └─ gtest-typed-test_test.cc
1691 |         |       └─ gtest-typed-test_test.h
1692 |         |       └─ gtest-unittest-api_test.cc
1693 |         |       └─ gtest_all_test.cc
1694 |         |       └─ gtest_break_on_failure_unittest.py
1695 |         |       └─ gtest_break_on_failure_unittest.cc
1696 |         |       └─ gtest_catch_exceptions_test.py
1697 |         |       └─ gtest_catch_exceptions_test_.cc
1698 |         |       └─ gtest_color_test.py
1699 |         |       └─ gtest_color_test_.cc
1700 |         |       └─ gtest_env_var_test.py
1701 |         |       └─ gtest_env_var_test_.cc
1702 |         |       └─ gtest_environment_test.cc
1703 |         |       └─ gtest_filter_unittest.py
1704 |         |       └─ gtest_filter_unittest_.cc
1705 |         |       └─ gtest_help_test.py
1706 |         |       └─ gtest_help_test_.cc
1707 |         |       └─ gtest_list_tests_unittest.py
1708 |         |       └─ gtest_list_tests_unittest_.cc
1709 |         |       └─ gtest_main_unittest.cc
```

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1710 | | | | | gtest_no_test_unittest.cc
1711 | | | | | gtest_output_test.py
1712 | | | | | gtest_output_test_.cc
1713 | | | | | gtest_output_test_golden_lin.txt
1714 | | | | | gtest_pred_impl_unittest.cc
1715 | | | | | gtest_premature_exit_test.cc
1716 | | | | | gtest_prod_test.cc
1717 | | | | | gtest_repeat_test.cc
1718 | | | | | gtest_shuffle_test.py
1719 | | | | | gtest_shuffle_test_.cc
1720 | | | | | gtest_sole_header_test.cc
1721 | | | | | gtest_stress_test.cc
1722 | | | | | gtest_test_utils.py
1723 | | | | | gtest_throw_on_failure_ex_test.cc
1724 | | | | | gtest_throw_on_failure_test.py
1725 | | | | | gtest_throw_on_failure_test_.cc
1726 | | | | | gtest_uninitialized_test.py
1727 | | | | | gtest_uninitialized_test_.cc
1728 | | | | | gtest_unittest.cc
1729 | | | | | gtest_xml_outfile1_test_.cc
1730 | | | | | gtest_xml_outfile2_test_.cc
1731 | | | | | gtest_xml_outfiles_test.py
1732 | | | | | gtest_xml_output_unittest.py
1733 | | | | | gtest_xml_output_unittest_.cc
1734 | | | | | gtest_xml_test_utils.py
1735 | | | | | production.cc
1736 | | | | | production.h
1737 | | | | | jemalloc
1738 | | | | | | Android.bp
1739 | | | | | | COPYING
1740 | | | | | | ChangeLog
1741 | | | | | | INSTALL
1742 | | | | | | MODULE_LICENSE_BSD
1743 | | | | | | Makefile.in
1744 | | | | | | NOTICE
1745 | | | | | | README
1746 | | | | | | android
1747 | | | | | | | include
1748 | | | | | | | scripts
1749 | | | | | | | test
1750 | | | | | | autogen.sh
1751 | | | | | | bin
1752 | | | | | | | jemalloc-config.in
1753 | | | | | | | jemalloc.sh.in
1754 | | | | | | | jeprof.in
1755 | | | | | | build-aux
1756 | | | | | | | config.guess
1757 | | | | | | | config.sub
1758 | | | | | | | install-sh
1759 | | | | | | config.stamp.in
1760 | | | | | | configure.ac
1761 | | | | | | coverage.sh
1762 | | | | | | doc
1763 | | | | | | | html.xsl.in
1764 | | | | | | | jemalloc.xml.in
1765 | | | | | | | manpages.xsl.in
1766 | | | | | | | stylesheet.xsl
1767 | | | | | | include
1768 | | | | | | | jemalloc
1769 | | | | | | | msvc_compat
1770 | | | | | | jemalloc.pc.in
1771 | | | | | | msvc
1772 | | | | | | README.txt

```

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1773 | | | | jemalloc_vc2015.sln
1774 | | | | projects
1775 | | | | src
1776 | | | | | android_je_iterate.c
1777 | | | | | android_je_mallinfo.c
1778 | | | | | arena.c
1779 | | | | | atomic.c
1780 | | | | | base.c
1781 | | | | | bitmap.c
1782 | | | | | chunk.c
1783 | | | | | chunk_dss.c
1784 | | | | | chunk_mmap.c
1785 | | | | | ckh.c
1786 | | | | | ctl.c
1787 | | | | | extent.c
1788 | | | | | hash.c
1789 | | | | | huge.c
1790 | | | | | jemalloc.c
1791 | | | | | mb.c
1792 | | | | | mutex.c
1793 | | | | | nstime.c
1794 | | | | | pages.c
1795 | | | | | prng.c
1796 | | | | | prof.c
1797 | | | | | quarantine.c
1798 | | | | | rtree.c
1799 | | | | | stats.c
1800 | | | | | tcache.c
1801 | | | | | ticker.c
1802 | | | | | tsd.c
1803 | | | | | util.c
1804 | | | | | valgrind.c
1805 | | | | | zone.c
1806 | | | | test
1807 | | | | | include
1808 | | | | | integration
1809 | | | | | src
1810 | | | | | stress
1811 | | | | | test.sh.in
1812 | | | | | unit
1813 | | | | libcxx
1814 | | | | | Android.bp
1815 | | | | | Android.mk
1816 | | | | | CMakeLists.txt
1817 | | | | | CREDITS.TXT
1818 | | | | | LICENSE.TXT
1819 | | | | | MODULE_LICENSE_BSD_LIKE
1820 | | | | | Makefile
1821 | | | | | NOTICE
1822 | | | | | README.version
1823 | | | | | TODO.TXT
1824 | | | | | buildcmds
1825 | | | | | | Android.mk
1826 | | | | | | buildcmdsc
1827 | | | | | | dummy.cpp
1828 | | | | | cmake
1829 | | | | | | Modules
1830 | | | | | | config-ix.cmake
1831 | | | | | include
1832 | | | | | | CMakeLists.txt
1833 | | | | | | __bit_reference
1834 | | | | | | __config
1835 | | | | | | __cxxabi_config.h -> ../../libcxxabi/include/__cxxabi_config.

```

- __debug
- __functional_03
- __functional_base
- __functional_base_03
- __hash_table
- __locale
- __mutex_base
- __refstring
- __split_buffer
- __sso_allocator
- __std_stream
- __tree
- __tuple
- __undef__deallocate
- __undef_min_max
- algorithm
- array
- atomic
- bitset
- cassert
- ccomplex
- cctype
- cerrno
- cfenv
- cmath
- chrono
- cinttypes
- ciso646
- climits
- locale
- cmath
- codecv
- complex
- complex.h
- condition_variable
- csetjmp
- csignal
- cstdarg
- cstdbool
- cstddef
- cstdint
- cstdio
- cstdlib
- cstring
- ctgm
- ctime
- cwchar
- cwctype
- deque
- exception
- experimental
- ext
- forward_list
- fstream
- functional
- future
- initializer_list
- io
- ios
- iosfwd
- iostream
- istream
- iterator

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1899 | | | | | limits
1900 | | | | | list
1901 | | | | | locale
1902 | | | | | map
1903 | | | | | memory
1904 | | | | | module.modulemap
1905 | | | | | mutex
1906 | | | | | new
1907 | | | | | numeric
1908 | | | | | ostream
1909 | | | | | queue
1910 | | | | | random
1911 | | | | | ratio
1912 | | | | | regex
1913 | | | | | scoped_allocator
1914 | | | | | set
1915 | | | | | shared_mutex
1916 | | | | | sstream
1917 | | | | | stack
1918 | | | | | stdexcept
1919 | | | | | streambuf
1920 | | | | | string
1921 | | | | | stringstream
1922 | | | | | support
1923 | | | | | system_error
1924 | | | | | tgmath.h
1925 | | | | | thread
1926 | | | | | tuple
1927 | | | | | type_traits
1928 | | | | | typeindex
1929 | | | | | typeinfo
1930 | | | | | unordered_map
1931 | | | | | unordered_set
1932 | | | | | utility
1933 | | | | | valarray
1934 | | | | | vector
1935 | | | | | lib
1936 | | | | | CMakeLists.txt
1937 | | | | | buildit
1938 | | | | | libc++abi.exp
1939 | | | | | libc++abi2.exp
1940 | | | | | libc++sjlj-abi.exp
1941 | | | | | libc++unexp.exp
1942 | | | | | notweak.exp
1943 | | | | | weak.exp
1944 | | | | | lit.site.cfg
1945 | | | | | ndk-test.sh
1946 | | | | | run-tests.py
1947 | | | | | src
1948 | | | | | algorithm.cpp
1949 | | | | | any.cpp
1950 | | | | | bind.cpp
1951 | | | | | chrono.cpp
1952 | | | | | condition_variable.cpp
1953 | | | | | config_elast.h
1954 | | | | | debug.cpp
1955 | | | | | exception.cpp
1956 | | | | | future.cpp
1957 | | | | | hash.cpp
1958 | | | | | ios.cpp
1959 | | | | | iostream.cpp
1960 | | | | | locale.cpp
1961 | | | | | memory.cpp
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1962 |         |         |         | mutex.cpp
1963 |         |         |         | new.cpp
1964 |         |         |         | optional.cpp
1965 |         |         |         | random.cpp
1966 |         |         |         | regex.cpp
1967 |         |         |         | shared_mutex.cpp
1968 |         |         |         | stdexcept.cpp
1969 |         |         |         | string.cpp
1970 |         |         |         | stringstream.cpp
1971 |         |         |         | support
1972 |         |         |         | system_error.cpp
1973 |         |         |         | thread.cpp
1974 |         |         |         | typeinfo.cpp
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1976 |         |         |         | valarray.cpp
1977 |         | test
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1979 |         |     | libcxx
1980 |         |     | lit.cfg
1981 |         |     | lit.site.cfg
1982 |         |     | lit.site.cfg.in
1983 |         |     | nothing_to_do.pass.cpp
1984 |         |     | std
1985 |         |     | support
1986 |         |     | testit
1987 |         | test.mk
1988 |         | utils
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1990 |         |     | sym_check
1991 |         | www
1992 |         |     | atomic_design.html
1993 |         |     | atomic_design_a.html
1994 |         |     | atomic_design_b.html
1995 |         |     | atomic_design_c.html
1996 |         |     | content.css
1997 |         |     | cxxly_status.html
1998 |         |     | cxxlz_status.html
1999 |         |     | debug_mode.html
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2001 |         |     | lit_usage.html
2002 |         |     | menu.css
2003 |         |     | results.Linux.html
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2006 |         |     | type_traits_design.html
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2017 |     |     |     | config-ix.cmake
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2020 |     |     |     | cxxabi.h
2021 |     |     | lib
2022 |     |     |     | buildit
2023 |     |     | src
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2026 | | | | — abort_message.h
2027 | | | | — config.h
2028 | | | | — cxa_aux_runtime.cpp
2029 | | | | — cxa_default_handlers.cpp
2030 | | | | — cxa_demangle.cpp
2031 | | | | — cxa_exception.cpp
2032 | | | | — cxa_exception.hpp
2033 | | | | — cxa_exception_storage.cpp
2034 | | | | — cxa_guard.cpp
2035 | | | | — cxa_handlers.cpp
2036 | | | | — cxa_handlers.hpp
2037 | | | | — cxa_new_delete.cpp
2038 | | | | — cxa_personality.cpp
2039 | | | | — cxa_thread_atexit.cpp
2040 | | | | — cxa_unexpected.cpp
2041 | | | | — cxa_vector.cpp
2042 | | | | — cxa_virtual.cpp
2043 | | | | — exception.cpp
2044 | | | | — fallback_malloc.ipp
2045 | | | | — private_typeinfo.cpp
2046 | | | | — private_typeinfo.h
2047 | | | | — stdexcept.cpp
2048 | | | | — typeinfo.cpp
2049 | | | — test
2050 | | | | — CMakeLists.txt
2051 | | | | — backtrace_test.pass.cpp
2052 | | | | — catch_array_01.pass.cpp
2053 | | | | — catch_array_02.pass.cpp
2054 | | | | — catch_class_01.pass.cpp
2055 | | | | — catch_class_02.pass.cpp
2056 | | | | — catch_class_03.pass.cpp
2057 | | | | — catch_class_04.pass.cpp
2058 | | | | — catch_const_pointer_nullptr.pass.cpp
2059 | | | | — catch_function_01.pass.cpp
2060 | | | | — catch_function_02.pass.cpp
2061 | | | | — catch_in_noexcept.pass.cpp
2062 | | | | — catch_member_data_pointer_01.pass.cpp
2063 | | | | — catch_member_function_pointer_01.pass.cpp
2064 | | | | — catch_member_pointer_nullptr.pass.cpp
2065 | | | | — catch_multi_level_pointer.pass.cpp
2066 | | | | — catch_pointer_nullptr.pass.cpp
2067 | | | | — catch_pointer_reference.pass.cpp
2068 | | | | — catch_ptr.pass.cpp
2069 | | | | — catch_ptr_02.pass.cpp
2070 | | | | — cxa_thread_atexit_test.pass.cpp
2071 | | | | — dynamic_cast14.pass.cpp
2072 | | | | — dynamic_cast3.pass.cpp
2073 | | | | — dynamic_cast5.pass.cpp
2074 | | | | — dynamic_cast_stress.pass.cpp
2075 | | | | — inherited_exception.pass.cpp
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2078 | | | | — lit.site.cfg.in
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2080 | | | | — test_aux_runtime.pass.cpp
2081 | | | | — test_aux_runtime_op_array_new.pass.cpp
2082 | | | | — test_demangle.pass.cpp
2083 | | | | — test_exception_storage.pass.cpp
2084 | | | | — test_fallback_malloc.pass.cpp
2085 | | | | — test_guard.pass.cpp
2086 | | | | — test_vector1.pass.cpp
2087 | | | | — test_vector2.pass.cpp
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2088 | | | | | test_vector3.pass.cpp
2089 | | | | | testit
2090 | | | | | uncaught_exceptions.pass.cpp
2091 | | | | | unwind_01.pass.cpp
2092 | | | | | unwind_02.pass.cpp
2093 | | | | | unwind_03.pass.cpp
2094 | | | | | unwind_04.pass.cpp
2095 | | | | | unwind_05.pass.cpp
2096 | | | | | unwind_06.pass.cpp
2097 | | | | | www
2098 | | | | | | content.css
2099 | | | | | | index.html
2100 | | | | | | menu.css
2101 | | | | | | spec.html
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2116 | | | | | | TODO
2117 | | | | | | arm
2118 | | | | | | | arm_init.c
2119 | | | | | | | filter_neon.S
2120 | | | | | | | filter_neon_intrinsics.c
2121 | | | | | | autogen.sh
2122 | | | | | | configure.ac
2123 | | | | | | contrib
2124 | | | | | | | README.txt
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2127 | | | | | | | examples
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2129 | | | | | | | libtests
2130 | | | | | | | pngminim
2131 | | | | | | | pngminus
2132 | | | | | | | pngsuite
2133 | | | | | | | tools
2134 | | | | | | | visupng
2135 | | | | | | example.c
2136 | | | | | | libpng-config.in
2137 | | | | | | libpng-manual.txt
2138 | | | | | | libpng.3
2139 | | | | | | libpng.pc.in
2140 | | | | | | libpngpf.3
2141 | | | | | | png.5
2142 | | | | | | png.c
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2144 | | | | | | pngbar.jpg
2145 | | | | | | pngbar.png
2146 | | | | | | pngconf.h
2147 | | | | | | pngdebug.h
2148 | | | | | | pngerror.c
2149 | | | | | | pngget.c
2150 | | | | | | pnginfo.h
```

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2151 | | | ├── pnglibconf.h
2152 | | | ├── pngmem.c
2153 | | | ├── pngnow.png
2154 | | | ├── pngpread.c
2155 | | | ├── pngpriv.h
2156 | | | ├── pngread.c
2157 | | | ├── pngrio.c
2158 | | | ├── pngtran.c
2159 | | | ├── pngutil.c
2160 | | | ├── pngset.c
2161 | | | ├── pngstruct.h
2162 | | | ├── pngtest.c
2163 | | | ├── pngtest.png
2164 | | | ├── pngtrans.c
2165 | | | ├── pngusr.dfa
2166 | | | ├── pngusr.h
2167 | | | ├── pngwio.c
2168 | | | ├── pngwrite.c
2169 | | | ├── pngwtran.c
2170 | | | ├── pngwutil.c
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2173 | | |     ├── visualc71
2174 | | |     └── vstudio
2175 | | | └── scripts
2176 | | |     ├── README.txt
2177 | | |     ├── SCOPTIONS.ppc
2178 | | |     ├── checksym.awk
2179 | | |     ├── def.c
2180 | | |     ├── descrip.mms
2181 | | |     ├── dfn.awk
2182 | | |     ├── intprefix.c
2183 | | |     ├── libpng-config-bo
2184 | | |     ├── libpng-config-hea
2185 | | |     ├── libpng.pc.in
2186 | | |     ├── macro.lst
2187 | | |     ├── makefile.32sunu
2188 | | |     ├── makefile.64sunu
2189 | | |     ├── makefile.acorn
2190 | | |     ├── makefile.aix
2191 | | |     ├── makefile.amiga
2192 | | |     ├── makefile.atari
2193 | | |     ├── makefile.bc32
2194 | | |     ├── makefile.beos
2195 | | |     ├── makefile.bor
2196 | | |     ├── makefile.cegcc
2197 | | |     ├── makefile.darwin
2198 | | |     ├── makefile.dec
2199 | | |     ├── makefile.dj2
2200 | | |     ├── makefile.freebsd
2201 | | |     ├── makefile.gcc
2202 | | |     ├── makefile.hp64
2203 | | |     ├── makefile.hpgcc
2204 | | |     ├── makefile.hpux
2205 | | |     ├── makefile.ibmz
2206 | | |     ├── makefile.intel
2207 | | |     ├── makefile.knr
2208 | | |     ├── makefile.linux
2209 | | |     ├── makefile.mips
2210 | | |     ├── makefile.msc
2211 | | |     ├── makefile.msyz
2212 | | |     ├── makefile.netlbsd
2213 | | |     └── makefile.netbsd

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2215 | | | | | — makefile.sco
2216 | | | | | — makefile.sgcc
2217 | | | | | — makefile.sgi
2218 | | | | | — makefile.so9
2219 | | | | | — makefile.solaris
2220 | | | | | — makefile.solaris-x86
2221 | | | | | — makefile.std
2222 | | | | | — makefile.sunos
2223 | | | | | — makefile.tc3
2224 | | | | | — makefile.vcwin32
2225 | | | | | — makevms.com
2226 | | | | | — options.awk
2227 | | | | | — pnglibconf.dfa
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2245 | | | | — pngstest-none
2246 | | | | — pngstest-none-alpha
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2249 | | | | — pngtest
2250 | | | | — pngunknown-IDAT
2251 | | | | — pngunknown-discard
2252 | | | | — pngunknown-if-safe
2253 | | | | — pngunknown-sAPI
2254 | | | | — pngunknown-STER
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2256 | | | | — pngunknown-vpAg
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2258 | | | | — pngvalid-gamma-alpha-mode
2259 | | | | — pngvalid-gamma-background
2260 | | | | — pngvalid-gamma-expand16-alpha-mode
2261 | | | | — pngvalid-gamma-expand16-background
2262 | | | | — pngvalid-gamma-expand16-transform
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2264 | | | | — pngvalid-gamma-threshold
2265 | | | | — pngvalid-gamma-transform
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2310 | | | | | | libunwind-ptrace.tex
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2312 | | | | | | libunwind-setjmp.tex
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2314 | | | | | | libunwind.tex
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2319 | | | | | | unw_create_addr_space.tex
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2327 | | | | | | unw_get_fpreg.tex
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2329 | | | | | | unw_get_proc_info.tex
2330 | | | | | | unw_get_proc_info_by_ip.man
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2333 | | | | | | unw_get_proc_name.tex
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2339 | | | | | | unw_init_local.tex

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| include
|   compiler.h
|   config.h
|   dwarf-eh.h
|   dwarf.h
|   dwarf_i.h
|   libunwind-aarch64.h
|   libunwind-arm.h
|   libunwind-common.h
|   libunwind-common.h
|   libunwind-coredu.h
|   libunwind-dynami.h
|   libunwind-hppa.h
|   libunwind-ia64.h
|   libunwind-mips.h
|   libunwind-ppc32.h
|   libunwind-ppc64.h
|   libunwind-pttrace.h
|   libunwind-sh.h
|   libunwind-x86.h
|   libunwind-x86_64.h
|   libunwind.h
|   libunwind.h.in
|   libunwind_i.h
|   map_info.h
|   mempool.h
|   remote.h
|   tdep
|   tdep-aarch64.h
|   tdep-arm.h
|   tdep-hppa.h
|   tdep-ia64.h
|   tdep-mips.h
|   tdep-ppc32.h
|   tdep-ppc64.h
|   tdep-sh.h
|   tdep-x86.h
|   tdep-x86_64.h
|   unwind.h
|   x86
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|   kernel-diff.sh
|   kernel-files.txt

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2404 | | | | | src
2405 | | | | | | Los-common.c
2406 | | | | | | Makefile.am
2407 | | | | | | aarch64
2408 | | | | | | arm
2409 | | | | | | coredump
2410 | | | | | | dwarf
2411 | | | | | | elf32.c
2412 | | | | | | elf32.h
2413 | | | | | | elf64.c
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2419 | | | | | | libunwind-generic.pc.in
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2454 | | | | | | Lia64-test-rbs.c
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2457 | | | | | | Lperf-simple.c
2458 | | | | | | Lperf-trace.c
2459 | | | | | | Lrs-race.c
2460 | | | | | | Ltest-bt.c
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2492 | | | | | ppc64-test-altivec.c
2493 | | | | | run-check-namespace
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2495 | | | | | run-coredump-unwind-mdi
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3159 |         |         |         |         | JniConstants.h
3160 |         |         |         |         | JniInvocation.h
3161 |         |         |         |         | ScopedBytes.h
3162 |         |         |         |         | ScopedFd.h
3163 |         |         |         |         | ScopedLocalFrame.h
3164 |         |         |         |         | ScopedLocalRef.h
3165 |         |         |         |         | ScopedPrimitiveArray.h
3166 |         |         |         |         | ScopedStringChars.h
3167 |         |         |         |         | ScopedUtfChars.h
3168 |         |         |         |         | UniquePtr.h
3169 |         |         |         |         | jni.h
3170 |         |         |         |         | toStringArray.h
3171 |         |         | tests
3172 |         |         | | Android.mk
3173 |         |         | | JniInvocation_test.cpp
3174 |         |         | | toStringArray.cpp
3175 |         | out
3176 |         | prebuilts
3177 |         | | build-tools
3178 |         | | | build-prebuilts.sh
3179 |         | | | darwin-x86
3180 |         | | | | bin
3181 |         | | | | lib64
3182 |         | | | linux-x86
3183 |         | | | | bin
3184 |         | | | | lib64
3185 |         | | clang
3186 |         | | | darwin-x86
3187 |         | | | | host
3188 |         | | | host
3189 |         | | | | darwin-x86
3190 |         | | | | linux-x86
3191 |         | | | linux-x86
3192 |         | | | | host
3193 |         | | gcc
3194 |         | | | darwin-x86
3195 |         | | | | aarch64
3196 |         | | | | arm
3197 |         | | | | host
3198 |         | | | | mips
3199 |         | | | | x86
3200 |         | | | linux-x86
3201 |         | | | | aarch64
3202 |         | | | | arm
3203 |         | | | | host
3204 |         | | | | mips
3205 |         | | | | x86
3206 |         | | go
3207 |         | | | darwin-x86
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3216 |         | | | bin
3217 |         | | | doc
3218 |         | | | favicon.ico
3219 |         | | | lib
3220 |         | | | misc
3221 |         | | | pkg

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3223 | | | | src
3224 | | | | test
3225 | | | └─ linux-x86
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3235 | | | | doc
3236 | | | | favicon.ico
3237 | | | | lib
3238 | | | | misc
3239 | | | | pkg
3240 | | | | robots.txt
3241 | | | | src
3242 | | | | test
3243 | | └─ ndk
3244 | | | Android.bp
3245 | | | Android.mk
3246 | | | CleanSpec.mk
3247 | | | current -> r11
3248 | | | gen-blueprints.py
3249 | | | make_platform_symlinks.py
3250 | | | r10
3251 | | | | platforms
3252 | | | | sources
3253 | | | r11
3254 | | | | platforms
3255 | | | | sources
3256 | | | stl.bp
3257 | └─ sdk
3258 | | build
3259 | | | patch_windows_sdk.sh
3260 | | | product_sdk.mk
3261 | | | windows_sdk_tools.mk
3262 | | | windows_sdk_whitelist.mk
3263 | └─ system
3264 | | core
3265 | | | base
3266 | | | | Android.mk
3267 | | | | CPPLINT.cfg
3268 | | | | errors_test.cpp
3269 | | | | errors_unix.cpp
3270 | | | | errors_windows.cpp
3271 | | | | file.cpp
3272 | | | | file_test.cpp
3273 | | | | include
3274 | | | | logging.cpp
3275 | | | | logging_test.cpp
3276 | | | | parseint_test.cpp
3277 | | | | parsenetaddress.cpp
3278 | | | | parsenetaddress_test.cpp
3279 | | | | stringprintf.cpp
3280 | | | | stringprintf_test.cpp
3281 | | | | strings.cpp
3282 | | | | strings_test.cpp
3283 | | | | test_main.cpp
3284 | | | | test_utils.cpp
```

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3285 | | | | | utf8.cpp
3286 | | | | | utf8_test.cpp
3287 | | | | | include
3288 | | | | | | | android
3289 | | | | | | | backtrace
3290 | | | | | | | cutils
3291 | | | | | | | log
3292 | | | | | | | private
3293 | | | | | | | system
3294 | | | | | | | utils
3295 | | | | | | | ziparchive
3296 | | | | | libbacktrace
3297 | | | | | | | Android.build.mk
3298 | | | | | | | Android.mk
3299 | | | | | | | Backtrace.cpp
3300 | | | | | | | BacktraceCurrent.cpp
3301 | | | | | | | BacktraceCurrent.h
3302 | | | | | | | BacktraceLog.h
3303 | | | | | | | BacktraceMap.cpp
3304 | | | | | | | BacktraceOffline.cpp
3305 | | | | | | | BacktraceOffline.h
3306 | | | | | | | BacktracePtrace.cpp
3307 | | | | | | | BacktracePtrace.h
3308 | | | | | | | GetPss.cpp
3309 | | | | | | | GetPss.h
3310 | | | | | | | ThreadEntry.cpp
3311 | | | | | | | ThreadEntry.h
3312 | | | | | | | UnwindCurrent.cpp
3313 | | | | | | | UnwindCurrent.h
3314 | | | | | | | UnwindMap.cpp
3315 | | | | | | | UnwindMap.h
3316 | | | | | | | UnwindPtrace.cpp
3317 | | | | | | | UnwindPtrace.h
3318 | | | | | | | backtrace_offline_test.cpp
3319 | | | | | | | backtrace_test.cpp
3320 | | | | | | | backtrace_testlib.c
3321 | | | | | | | thread_utils.c
3322 | | | | | | | thread_utils.h
3323 | | | | | libcutils
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3327 | | | | | | | android_reboot.c
3328 | | | | | | | arch-arm
3329 | | | | | | | arch-arm64
3330 | | | | | | | arch-mips
3331 | | | | | | | arch-x86
3332 | | | | | | | arch-x86_64
3333 | | | | | | | ashmem-dev.c
3334 | | | | | | | ashmem-host.c
3335 | | | | | | | canned_fs_config.c
3336 | | | | | | | config_utils.c
3337 | | | | | | | debugger.c
3338 | | | | | | | dlmalloc_stubs.c
3339 | | | | | | | fs.c
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3341 | | | | | | | hashmap.c
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3344 | | | | | | | load_file.c
3345 | | | | | | | multiuser.c
3346 | | | | | | | native_handle.c
3347 | | | | | | | open_memstream.c
```

```
3348 | | | partition_utils.c
3349 | | | process_name.c
3350 | | | properties.c
3351 | | | qtaguid.c
3352 | | | record_stream.c
3353 | | | sched_policy.c
3354 | | | socket_inaddr_any_server_unix.c
3355 | | | socket_inaddr_any_server_windows.c
3356 | | | socket_local_client_unix.c
3357 | | | socket_local_server_unix.c
3358 | | | socket_local_unix.h
3359 | | | socket_loopback_client_unix.c
3360 | | | socket_loopback_server_unix.c
3361 | | | socket_network_client_unix.c
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3382 | | |   |--- config_write.c
3383 | | |   |--- config_write.h
3384 | | |   |--- event.logtags
3385 | | |   |--- event_tag_map.c
3386 | | |   |--- fake_log_device.c
3387 | | |   |--- fake_log_device.h
3388 | | |   |--- fake_writer.c
3389 | | |   |--- log_event_list.c
3390 | | |   |--- log_event_write.c
3391 | | |   |--- log_is_loggable.c
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3395 | | |   |--- logd_writer.c
3396 | | |   |--- logger.h
3397 | | |   |--- logger_lock.c
3398 | | |   |--- logger_name.c
3399 | | |   |--- logger_read.c
3400 | | |   |--- logger_write.c
3401 | | |   |--- logprint.c
3402 | | |   |--- pmsg_reader.c
3403 | | |   |--- pmsg_writer.c
3404 | | |   |--- tests
3405 | | |   |--- uio.c
3406 | | |--- libutils
3407 | | |   |--- Android.mk
3408 | | |   |--- BlobCache.cpp
3409 | | |   |--- CallStack.cpp
3410 | | |   |--- CleanSpec.mk
```

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3411 | | | FileMap.cpp
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3425 | | | SharedBuffer.h
3426 | | | SharedBufferTest.cpp
3427 | | | Static.cpp
3428 | | | Stopwatch.cpp
3429 | | | String16.cpp
3430 | | | String8.cpp
3431 | | | SystemClock.cpp
3432 | | | Threads.cpp
3433 | | | Timers.cpp
3434 | | | Tokenizer.cpp
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3436 | | | Unicode.cpp
3437 | | | VectorImpl.cpp
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3440 | | | tests
3441 | | | libziparchive
3442 | | | Android.mk
3443 | | | entry_name_utils-inl.h
3444 | | | entry_name_utils_test.cc
3445 | | | testdata
3446 | | | zip_archive.cc
3447 | | | zip_archive_common.h
3448 | | | zip_archive_private.h
3449 | | | zip_archive_stream_entry.cc
3450 | | | zip_archive_test.cc
3451 | | | zip_writer.cc
3452 | | | zip_writer_test.cc
3453 |
3454 | 689 directories, 2762 files
---
```

提取完后复制到mac中去编译, mac的系统版本不能太高, 安装官方提供的环境去编, 否则就是自己给自己挖坑。

```
1 . build/envsetup.sh
2 lunch sdk-eng
3 make aapt
```

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