

CrystaX NDK - Issues

Estimated time: 0.1

| # | Tracker | Status | Subject | Estimated time |
|------|---------|------------|---|----------------|
| 2609 | Bug | Resolved | host/curl built with libdind2 from /usr/local/opt on darwin host | |
| 2608 | Bug | Open | In-box tests fail to run on CI servers because of existing VMs | |
| 2607 | Bug | Resolved | crew install command outputs bad error message when formula has a non-existing dependency | |
| 2490 | Bug | Open | libm.so not found | |
| 2432 | Bug | Open | timegm is in header file but not library | |
| 2300 | Bug | Open | SIGSEGV in libcrystax.so - fegetenv+7 | |
| 1965 | Bug | Open | bzip2 symbols like `BZ2_bzWriteOpen` are not present in `libcrystax` | |
| 1716 | Bug | Duplicated | crash: stackoverflow: lrintf | |
| 1495 | Task | Closed | Upgrade gcc-6 to just released 6.2 | |
| 1486 | Bug | Closed | Python executables are not PIE-enabled | |
| 1466 | Bug | Closed | Can't load libcrystax.so with System.loadLibrary() | |
| 1465 | Task | Closed | Redirect all stdout/stderr output to logcat | |
| 1460 | Task | Closed | Update gcc-4.9 to just released gcc-4.9.4 | |
| 1457 | Bug | Closed | mclinker build error | |
| 1448 | Bug | Closed | Rand doesn't have arguments specified in a header | |
| 1444 | Task | Closed | run-boost-tests should specify <target-os>android for "using python" directive in user-config.jam | |
| 1443 | Bug | Closed | Public build script ndk-crystax-r10-build.sh is not updated to 10.3.1 version | |
| 1436 | Bug | Closed | gethostname() always returns 'localhost' | |
| 1435 | Task | Closed | Update llvm/clang to just released 3.8.1 | |
| 1433 | Bug | Open | kevent has problems on arm64 | |
| 1422 | Task | Closed | Implement shmget/shmat/shmdt/shmctl functions | |
| 1413 | Bug | Closed | 'rm' from GNU coreutils can't remove existing file without '-f' option | |
| 1412 | Task | Closed | Update Boost to 1.61.0 | |
| 1410 | Task | Closed | Update gcc-5 to just released gcc-5.4 | |
| 1405 | Bug | Closed | Make standalone toolchain is broken for gcc (r859) | |
| 1404 | Bug | Closed | Unable to make standalone toolchain based on clang (r859) / --help is not consistant | |
| 1399 | Bug | Closed | gmtime() return NULL pointer in field tm_zone | |
| 1397 | Bug | Closed | arm gcc-6 make-standalone-toolchain.sh in 10.3.1-b845-linux-x86_64 fails to copy some libs | |
| 1396 | Bug | Closed | Syntax error in make-standalone-toolchain.sh in 10.3.1-b845-linux-x86_64 | 0.10 |
| 1390 | Bug | Open | Investigate new build/standalone-toolchain | |

| # | Tracker | Status | Subject | Estimated time |
|------|---------|------------|---|----------------|
| 1389 | Bug | Open | Investigate new test device/asan-smoke | |
| 1388 | Bug | Open | Find third-party code for device/test-vulkan | |
| 1387 | Bug | Open | Find third-party code for device/test-shaderc-libc++ | |
| 1386 | Bug | Open | Find third-party code for device/test-shaderc-gnustl | |
| 1380 | Bug | Duplicated | SIGSEGV in libcrystax.so - lrint | |
| 1375 | Task | Closed | Update gcc-6 to just released gcc-6.1 | |
| 1371 | Feature | Open | Use common {setup,config}.mk files for GCC and LLVM toolchains with different versions | |
| 1370 | Bug | Closed | [clang-3.8] Unknown DWARF version | |
| 1369 | Bug | Closed | SIGSEGV in libcrystax.so - lrintf | |
| 1363 | Bug | Closed | [clang-3.8][x86_64] Do not know how to soften this operator's operand! | |
| 1360 | Bug | Closed | CRYSTAX_PANI: issetuid() not implemented!!! when calling boost::locale::conv::to_utf (10.3.1) | |
| 1357 | Bug | Closed | [darwin] 64-bit host python doesn't include zip module | |
| 1354 | Task | Closed | Integrate stock python2.7 and python3.5 in host prebuilts | |
| 1352 | Bug | Closed | [darwin] GNUstep libobjc2 is built with SONAME "libobjc.so.4.6" | |
| 1348 | Task | Closed | Get rid of 32-bit host toolchains for GNU/Linux and OS X | |
| 1327 | Bug | Closed | Couldn't compile test boost sample with CrystaX 10.3.1. | |
| 1323 | Feature | Closed | Include Python static libraries to build Python-C extensions with static linking | |
| 1318 | Task | Closed | Add just released clang-3.8 | |
| 1292 | Bug | Closed | [gcc-6] ICE when building test-gabi++ | |
| 1263 | Bug | Closed | [clang][atomics] Clang can't compile call of __atomic_add_fetch with 64-bit argument for 32-bit targets | |
| 1262 | Bug | Closed | [objc] Tests starts failing after switch libobjc2 to upstream CMake-based build approach | |
| 1260 | Task | Closed | [build/tools] Switch DEFAULT_LLVM_VERSION to 3.7 and DEFAULT_GCC_VERSION to 5 | |
| 1254 | Task | Closed | Add CMake-enabled tests | |
| 1252 | Bug | Closed | "Undefined reference to 'swab'" error when using GCC 5 and CrystaX NDK 10.3.1 x64 on Windows | |
| 1242 | Task | Closed | Update python-3.5 to 3.5.1 | |
| 1241 | Task | Closed | Update python-2.7 to 2.7.11 | |
| 1234 | Bug | Closed | 'fd_set' type not declared | |
| 1233 | Bug | Closed | Even though default gcc is 5, gnu-libstdc++-4.9 used | |
| 1231 | Task | Closed | Adopt android.toolchain.cmake to support CrystaX NDK | |
| 1198 | Task | Closed | Upgrade clang-3.7 to just released 3.7.1 | |
| 1197 | Bug | Closed | Boost's Android.mk can't detect correct libraries path if NDK_TOOLCHAIN_VERSION is not specified | |
| 1193 | Task | Closed | Build Boost.Python with both python-2.7 and python-3.5 | |
| 1191 | Task | Closed | Include just released Boost 1.60.0 | |

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|------|---------|-------------|--|----------------|
| 1165 | Task | Closed | Get rid of libc.so and replace it completely by libcrystax.so | |
| 1108 | Bug | Closed | Crash on Android 6.0 | |
| 1095 | Task | In Progress | Implement package management system (crew) | |
| 1082 | Bug | Closed | '__gnustep_objcxx_personality_v0' is not implemented for arm | |
| 1055 | Bug | Closed | [objc] Throwing of exception cause app crash even though there is @catch expression | |
| 1044 | Bug | Closed | Assertion failed: (LC != RTLIB::UNKNOWN_LIBCALL && "Unsupported FP_TO_UINT!") | |
| 1032 | Bug | Closed | [tests] test-openmp failed when running on real device | |
| 1028 | Task | Closed | Remove pthread_rwlock workaround from libkqueue | |
| 1010 | Bug | Closed | [clang] Thread-local variables are not supported | |
| 970 | Task | Closed | Add tests for pthread_xxx() functions | |
| 894 | Bug | Open | Device test 'math' fails on x86_64 when built with clang | |
| 889 | Bug | Open | crystax-test-c++11 fails on x86_64 emulator if build with clang toolchain | |
| 888 | Bug | Closed | crystax-test-c99-complex core dumps on x86_64 emulator if built with clang toolchain | |
| 886 | Task | Closed | Implement pthread_xxx() functions in libcrystax | |
| 885 | Task | Open | Implement own function to be able fetch "getprop" values from system | |
| 830 | Bug | Open | long double print formatting broken on x86_64 when being built by clang | |
| 829 | Bug | Open | sscanf(" 0X.0123456789abcdeffp-3g", "%Le%s", &ld, buf) return wrong result on x86_64 when being built by clang | |
| 828 | Bug | Open | sscanf("3.14159265358979323846", "%Lg", &ld) return wrong value on x86_64 when being built by clang | |
| 827 | Bug | Open | sscanf("+1.234568e-52", "%LG", &ld) return wrong value on x86_64 when being built by clang | |
| 826 | Bug | Open | sscanf("NaN", "%e", &f) return non-NaN on arm and x86_64 when being built by clang | |
| 824 | Bug | Closed | clang doesn't support NEON for x86 | |
| 821 | Bug | Open | sscanf("nan(1234)", "%e", &f) return non-NaN on mips device | |
| 820 | Bug | Open | Hex rounding of floating point values works wrong for ARM soft float | |
| 819 | Bug | Open | Decimal rounding of floating point values don't take into account rounding mode | |
| 818 | Bug | Open | printf(FMT, [+/-]HUGE_VALL) produce wrong result on 32-bit platforms | |
| 817 | Bug | Closed | printf("%LE", (long double)NAN) produce wrong result on 32-bit platforms | |
| 815 | Bug | Open | printf("%tu", (size_t)-1) produce wrong string on 32-bit platforms | |
| 770 | Bug | Open | tests/device/crazy_linker failed | |
| 757 | Bug | Closed | tests/device/test-wait fails on x86 device | |
| 696 | Bug | Open | [tests] Build of tests/build/flto failed when built by clang | |