

## CrystaX NDK - Issues

| #    | Project     | Tracker | Status     | Subject  | Assignee | Target version |
|------|-------------|---------|------------|--|----------|----------------|
| 2608 | CrystaX NDK | Bug     | Open       | In-box tests fail to run on CI servers because of existing VMs   |          | 11.0.0         |
| 2490 | CrystaX NDK | Bug     | Open       | libm.so not found  |          | 11.0.0         |
| 2432 | CrystaX NDK | Bug     | Open       | timegm is in header file but not library   |          | 11.0.0         |
| 2366 | CrystaX NDK | Bug     | Open       | library "libcrystax.so" not found  |          |                |
| 2300 | CrystaX NDK | Bug     | Open       | SIGSEGV in libcrystax.so - fegetenv+7  |          | 11.0.0         |
| 1965 | CrystaX NDK | Bug     | Open       | bzip2 symbols like `BZ2_bzWriteOpen` are not present in `libcrystax`   |          | 11.0.0         |
| 1716 | CrystaX NDK | Bug     | Duplicated | crash: stackoverflow: lrintf   |          | 11.0.0         |
| 1629 | CrystaX NDK | Bug     | Open       | Couldn't resolve symbol  |          |                |
| 1433 | CrystaX NDK | Bug     | Open       | kevent has problems on arm64   |          | 11.0.0         |
| 1390 | CrystaX NDK | Bug     | Open       | Investigate new build/standalone-toolchain   |          | 11.0.0         |
| 1389 | CrystaX NDK | Bug     | Open       | Investigate new test device/asan-smoke   |          | 11.0.0         |
| 1388 | CrystaX NDK | Bug     | Open       | Find third-party code for device/test-vulkan   |          | 11.0.0         |
| 1387 | CrystaX NDK | Bug     | Open       | Find third-party code for device/test-shaderc-libc++   |          | 11.0.0         |
| 1386 | CrystaX NDK | Bug     | Open       | Find third-party code for device/test-shaderc-gnustl   |          | 11.0.0         |
| 1251 | CrystaX NDK | Support | Duplicated | Which is the best way to define macro "__cplusplus" when I use crystax?  |          |                |
| 1235 | CrystaX NDK | Bug     | Duplicated | By default `NDK_TOOLCHAIN_VERSION` is not set  |          |                |
| 1111 | CrystaX NDK | Support | Open       | execv: Exec format error   |          |                |
| 1020 | CrystaX NDK | Bug     | Open       | getauxval fails to open /proc/pid/auxv file  |          |                |
| 1016 | CrystaX NDK | Bug     | Rejected   | 32 bit linux archive (*.bin file) is x86_64 executable   |          |                |
| 981  | CrystaX NDK | Feature | Duplicated | Enable build of Boost.Python within Boost libraries  |          | 10.3.0         |
| 949  | CrystaX NDK | Task    | Open       | Rebuild renderscript binaries from AOSP sources  |          |                |
| 914  | CrystaX NDK | Feature | Closed     | Add clang-3.6 toolchain  |          | 10.2.0         |
| 907  | CrystaX NDK | Support | Closed     | Why does CLOCKS_PER_SEC equal 128 in CrystaX (mangled-time.h)?   |          | 10.2.0         |
| 902  | CrystaX NDK | Bug     | Open       | gem install does not work when ruby built with platform/prebuilts/gcc/darwin-x86/host/x86_64-apple-darwin-4.9.1 compiler |          |                |
| 899  | CrystaX NDK | Feature | Open       | Repository for prebuild libraries  |          |                |
| 898  | CrystaX NDK | Feature | Open       | Add openssl as a prebuilt library  |          |                |
| 897  | CrystaX NDK | Feature | Open       | Add crypto++ as a prebuild library   |          |                |
| 894  | CrystaX NDK | Bug     | Open       | Device test 'math' fails on x86_64 when built with clang   |          | 11.0.0         |
| 889  | CrystaX NDK | Bug     | Open       | crystax-test-c++11 fails on x86_64 emulator if build with clang toolchain  |          | 11.0.0         |
| 888  | CrystaX NDK | Bug     | Closed     | crystax-test-c99-complex core dumps on x86_64 emulator if built with clang toolchain                                     |          | 11.0.0         |
| 885  | CrystaX NDK | Task    | Open       | Implement own function to be able fetch "getprop" values from system   |          | 11.0.0         |

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| 862 | CrystaX NDK | Bug     | Rejected   | WARNING: Could not find ndk-perl-windows.tar.bz2 in ...  |          | 10.3.0         |
| 861 | CrystaX NDK | Bug     | Closed     | WARNING: Could not find libgccunwind-libs  |          |                |
| 834 | CrystaX NDK | Task    | Duplicated | Run standalone test automatically  |          |                |
| 833 | CrystaX NDK | Bug     | Closed     | tests/device/test-openmp failed on windows   |          | 10.2.0         |
| 832 | CrystaX NDK | Bug     | Closed     | tests/build/warn-noabi failed on windows due to bug in build.sh  |          | 10.2.0         |
| 831 | CrystaX NDK | Bug     | Closed     | tests/build/libc_no_atexit fails on windows because it tries to use system-installed readelf                   |          | 10.2.0         |
| 830 | CrystaX NDK | Bug     | Open       | long double print formatting broken on x86_64 when being built by clang  |          | 11.0.0         |
| 829 | CrystaX NDK | Bug     | Open       | sscanf(" 0X.0123456789abcdefff-3g", "%Le%s", &ld, buf) return wrong result on x86_64 when being built by clang |          | 11.0.0         |
| 828 | CrystaX NDK | Bug     | Open       | sscanf("3.14159265358979323846", "%Lg", &ld) return wrong value on x86_64 when being built by clang            |          | 11.0.0         |
| 827 | CrystaX NDK | Bug     | Open       | sscanf("+1.234568e-52", "%LG", &ld) return wrong value on x86_64 when being built by clang                     |          | 11.0.0         |
| 826 | CrystaX NDK | Bug     | Open       | sscanf("NaN", "%e", &f) return non-NaN on arm and x86_64 when being built by clang                             |          | 11.0.0         |
| 821 | CrystaX NDK | Bug     | Open       | sscanf("nan(1234)", "%e", &f) return non-NaN on mips device  |          | 11.0.0         |
| 820 | CrystaX NDK | Bug     | Open       | Hex rounding of floating point values works wrong for ARM soft float   |          | 11.0.0         |
| 819 | CrystaX NDK | Bug     | Open       | Decimal rounding of floating point values don't take into account rounding mode                                |          | 11.0.0         |
| 818 | CrystaX NDK | Bug     | Open       | printf(FMT, [+-]HUGE_VALL) produce wrong result on 32-bit platforms  |          | 11.0.0         |
| 817 | CrystaX NDK | Bug     | Closed     | printf("%LE", (long double)NAN) produce wrong result on 32-bit platforms                                       |          | 11.0.0         |
| 815 | CrystaX NDK | Bug     | Open       | printf("%tu", (size_t)-1) produce wrong string on 32-bit platforms   |          | 11.0.0         |
| 810 | CrystaX NDK | Bug     | Closed     | tests/device/test-stlport_static-exception failed on mips device   |          | 10.3.0         |
| 807 | CrystaX NDK | Bug     | Closed     | tests/device/test-stlport_shared-exception failed on mips device   |          | 10.3.0         |
| 806 | CrystaX NDK | Bug     | Closed     | tests/device/test-stlport-copy_vector_into_a_set failed on mips device   |          | 10.3.0         |
| 805 | CrystaX NDK | Bug     | Closed     | tests/device/test-stlport failed on mips device  |          | 10.3.0         |
| 804 | CrystaX NDK | Bug     | Closed     | tests/device/test-libc++ failed on mips device   |          | 10.3.0         |
| 803 | CrystaX NDK | Bug     | Closed     | tests/device/test-googletest-gnustl failed on mips device  |          | 10.3.0         |
| 802 | CrystaX NDK | Bug     | Closed     | tests/device/test-googletest-full failed on mips device  |          | 10.3.0         |
| 801 | CrystaX NDK | Bug     | Closed     | tests/device/test-gnustl_static-exception failed on mips device  |          | 10.3.0         |
| 800 | CrystaX NDK | Bug     | Closed     | tests/device/test-gnustl_shared-exception failed on mips device  |          | 10.3.0         |
| 799 | CrystaX NDK | Bug     | Closed     | tests/device/test-gnustl-copy_vector_into_a_set failed on mips device  |          | 10.3.0         |
| 798 | CrystaX NDK | Bug     | Closed     | tests/device/test-gnustl-2 (test_gnustl_locale) failed on mips device  |          | 10.3.0         |
| 797 | CrystaX NDK | Bug     | Closed     | tests/device/test-gnustl-1 failed on mips device   |          | 10.3.0         |
| 796 | CrystaX NDK | Bug     | Closed     | tests/device/test-gabi++ failed on mips device   |          | 10.3.0         |
| 795 | CrystaX NDK | Bug     | Closed     | tests/device/test-basic-exceptions failed on mips device   |          | 10.3.0         |
| 793 | CrystaX NDK | Bug     | Closed     | tests/device/math failed on mips device  |          | 10.3.0         |
| 792 | CrystaX NDK | Bug     | Closed     | tests/device/issue62910-gcc4.8.2-libstdc++-nth-element-segfault failed on mips device                          |          | 10.3.0         |

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| 790 | CrystaX NDK | Bug     | Closed     | tests/device/issue46718-iostream-crash-stlport failed on mips device  |          | 10.3.0         |
| 789 | CrystaX NDK | Bug     | Closed     | tests/device/issue46718-iostream-crash-gnustl failed on mips device   |          | 10.3.0         |
| 788 | CrystaX NDK | Bug     | Closed     | tests/device/issue42891-boost-1_52 failed on mips device  |          | 10.3.0         |
| 787 | CrystaX NDK | Bug     | Closed     | tests/device/issue39680-chrono-resolution failed on mips device   |          | 10.3.0         |
| 786 | CrystaX NDK | Bug     | Closed     | tests/device/issue22165-typeinfo failed on mips device  |          | 10.3.0         |
| 785 | CrystaX NDK | Bug     | Closed     | tests/device/gnustl-shared-1 failed on mips device  |          | 10.3.0         |
| 784 | CrystaX NDK | Bug     | Closed     | tests/device/exceptions-crash failed on mips device   |          | 10.3.0         |
| 783 | CrystaX NDK | Bug     | Closed     | tests/device/crystax-test-wchar (crystax-test-wchar-cpp-wstring) failed on mips device                          |          | 10.3.0         |
| 782 | CrystaX NDK | Bug     | Closed     | tests/device/crystax-test-stream-float-output failed on mips device   |          | 10.3.0         |
| 781 | CrystaX NDK | Bug     | Closed     | tests/device/crystax-test-objc failed on mips device  |          | 10.3.0         |
| 780 | CrystaX NDK | Bug     | Closed     | tests/device/crystax-test-libcrystax failed on mips device  |          | 10.3.0         |
| 779 | CrystaX NDK | Bug     | Closed     | tests/device/crystax-test-dynamic_cast failed on mips device  |          | 10.3.0         |
| 778 | CrystaX NDK | Bug     | Closed     | tests/device/crystax-test-c++11 failed on mips device   |          | 10.3.0         |
| 775 | CrystaX NDK | Task    | Closed     | Remove sources/android/support library to avoid accidental ambiguity when it used somewhere we don't know about |          | 10.0.0         |
| 770 | CrystaX NDK | Bug     | Open       | tests/device/crazy_linker failed  |          | 11.0.0         |
| 768 | CrystaX NDK | Bug     | Rejected   | tests/device/fenv failed on x86 device  |          | 10.0.0         |
| 767 | CrystaX NDK | Bug     | Closed     | tests/device/test-libc++ (test_1_static) failed on arm64 device   |          | 10.0.0         |
| 766 | CrystaX NDK | Bug     | Closed     | tests/device/test-unwind-struct failed on arm64 device  |          | 10.0.0         |
| 765 | CrystaX NDK | Bug     | Closed     | tests/device/test-cpufeatures failed on arm64 device  |          | 10.0.0         |
| 764 | CrystaX NDK | Bug     | Closed     | tests/device/static-executable failed on arm64 device   |          | 10.0.0         |
| 763 | CrystaX NDK | Bug     | Closed     | tests/device/issue38121 failed on arm64 device  |          | 10.0.0         |
| 762 | CrystaX NDK | Bug     | Closed     | tests/device/exceptions-crash failed on arm64 device  |          | 10.0.0         |
| 761 | CrystaX NDK | Bug     | Closed     | tests/device/crystax-test-pthread_mutex_timedlock failed on arm64 device  |          | 10.0.0         |
| 760 | CrystaX NDK | Bug     | Closed     | tests/device/crystax-test-objc failed on arm64 device   |          | 10.0.0         |
| 759 | CrystaX NDK | Bug     | Closed     | tests/device/clone (clone-static) fails on arm64 device   |          | 10.0.0         |
| 758 | CrystaX NDK | Bug     | Duplicated | tests/device/crazy_linker (test_load_library_callbacks) fails on x86  |          |                |
| 735 | CrystaX NDK | Bug     | Rejected   | clang34 fails to link standalone tests fro mips64   |          |                |
| 734 | CrystaX NDK | Bug     | Closed     | standalone test builtin-macros fails for clang33/arm64  |          |                |
| 733 | CrystaX NDK | Bug     | Closed     | standalone test init-fini-arrays/libcrystax-c-linked fail for clang33, arm64, x86_64                            |          |                |
| 732 | CrystaX NDK | Bug     | Closed     | standalone test libcrystax-cxx-linked fails for clang33, api L, arm64 and x86_64                                |          |                |
| 727 | CrystaX NDK | Bug     | Rejected   | some standalone tests fail  |          |                |
| 723 | CrystaX NDK | Feature | Closed     | Add clang-3.5 toolchain   |          |                |
| 722 | CrystaX NDK | Feature | Open       | Add libraw library  |          |                |

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| 706 | CrystaX NDK | Bug     | Closed     | clang3.4 doesn't support NEON for Aarch64   |          | 10.2.0         |
| 697 | CrystaX NDK | Bug     | Duplicated | Build of tests/build/issue36131-flto-c++11 failed for clang3.4/3.5                            |          |                |
| 696 | CrystaX NDK | Bug     | Open       | [tests] Build of tests/build/flto failed when built by clang                                  |          | 11.0.0         |
| 673 | CrystaX NDK | Bug     | Closed     | "No monotonic clock" warning when building libc++   |          | 10.0.0         |
| 672 | CrystaX NDK | Bug     | Closed     | Test b16355858 (sample) failed on armeabi-v7a device  |          | 10.0.0         |
| 671 | CrystaX NDK | Bug     | Rejected   | Build of test build/issue65705-asm-pc failed  |          | 10.0.0         |
| 659 | CrystaX NDK | Bug     | Closed     | Build of test wchar_t-size failed   |          | 10.0.0         |
| 620 | CrystaX NDK | Bug     | Rejected   | Tests stuck on uploading libgnustl_shared.so to mips emulator                                 |          | 10.0.0         |
| 611 | CrystaX NDK | Bug     | Duplicated | issue65705-asm-pc fails to build  |          |                |
| 583 | CrystaX NDK | Bug     | Closed     | Build of tests/device/crystax-issue350-copy-with-zone failed when clang 3.4 used              |          | 10.0.0         |
| 579 | CrystaX NDK | Bug     | Closed     | issue64679-prctl compilation fails on android-L complaining about syntax errors in GL headers |          | 10.0.0         |
| 541 | CrystaX NDK | Task    | Rejected   | Cleanup --also-64, --try-64, --only-64 etc  |          | 10.0.0         |
| 451 | CrystaX NDK | Bug     | Closed     | Compiling a Qt application with QtCreator and Crystax NDK r8                                  |          |                |
| 439 | CrystaX NDK | Bug     | Rejected   | 'datasync' is unavailable for 'platforms/android-8'   |          |                |
| 434 | CrystaX NDK | Feature | Closed     | Support for C++11: futures, package_task, async   |          |                |
| 433 | CrystaX NDK | Task    | Closed     | Implement full version of strtod function   |          |                |
| 360 | CrystaX NDK | Task    | Closed     | Inspect basic POSIX functions if they are implemented   |          | 10.0.0         |
| 357 | CrystaX NDK | Bug     | Closed     | double file in zip archive leads to error unzipping with 7zip on windows                      |          |                |
| 329 | CrystaX NDK | Task    | Closed     | Remove outdated gcc-4.4.3 toolchain   |          | r8-crystax-2   |
| 321 | CrystaX NDK | Task    | Closed     | Create stub libcrystax library  |          |                |
| 308 | CrystaX NDK | Feature | Rejected   | Use linux-darwin cross toolchain to build darwin distribution                                 |          |                |
| 307 | CrystaX NDK | Feature | Rejected   | Make linux-darwin cross toolchain   |          |                |
| 306 | CrystaX NDK | Bug     | Closed     | issue19851-sigsetjmp (issue19851-sigsetjmp) failed to run                                     |          |                |
| 293 | CrystaX NDK | Bug     | Rejected   | MIPS emulator can not load itself from snapshot   |          |                |
| 287 | CrystaX NDK | Feature | Rejected   | Check if std::to_string works in gcc-4.7  |          |                |
| 283 | CrystaX NDK | Bug     | Rejected   | Test build/flto failed  |          |                |
| 282 | CrystaX NDK | Bug     | Rejected   | Test build/flto failed  |          |                |
| 281 | CrystaX NDK | Bug     | Rejected   | Test build/flto failed  |          |                |
| 280 | CrystaX NDK | Bug     | Rejected   | Test build/flto failed  |          |                |
| 279 | CrystaX NDK | Bug     | Rejected   | Test device/test-stream-float-output hangs when run on armeabi emulator                       |          |                |
| 278 | CrystaX NDK | Bug     | Closed     | Test device/test-iostream hangs when run on armeabi emulator                                  |          |                |
| 277 | CrystaX NDK | Bug     | Closed     | Test device/test-gnustl-copy_vector_into_a_set hangs when run on armeabi emulator             |          |                |
| 276 | CrystaX NDK | Bug     | Rejected   | Test device/test-gnustl-2 hangs when run on armeabi emulator                                  |          |                |

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| 275 | CrystaX NDK | Bug     | Closed     | Test device/test-c++11 hangs while running on armeabi emulator                           |          |                |
| 274 | CrystaX NDK | Bug     | Duplicated | Test device/test-c++0x hangs while running on armeabi emulator                           |          |                |
| 273 | CrystaX NDK | Bug     | Rejected   | Test build/flto failed   |          |                |
| 272 | CrystaX NDK | Bug     | Rejected   | Test device/test-gnustl_shared-exception failed to run                                   |          |                |
| 271 | CrystaX NDK | Bug     | Duplicated | Test device/issue22165-typeinfo failed to run  |          |                |
| 270 | CrystaX NDK | Bug     | Closed     | Test device/gnustl-shared-1 failed to run  |          |                |
| 269 | CrystaX NDK | Bug     | Rejected   | Test device/exceptions-crash failed to run   |          |                |
| 268 | CrystaX NDK | Bug     | Closed     | Test device/fenv failed to run   |          |                |
| 267 | CrystaX NDK | Bug     | Closed     | Test device/fenv: build failed   |          |                |
| 266 | CrystaX NDK | Bug     | Closed     | Test device/test-dynamic-cast failed to run  |          |                |
| 265 | CrystaX NDK | Bug     | Rejected   | Test device/issue28598-linker-global-ref failed to run                                   |          |                |
| 264 | CrystaX NDK | Bug     | Rejected   | Test device/issue22165-typeinfo failed to run  |          |                |
| 221 | CrystaX NDK | Bug     | Duplicated | test-iostream hangs on armeabi emulator under Windows and Mac OS X if built with GCC 4.7 |          |                |
| 175 | CrystaX NDK | Bug     | Rejected   | mingw binutils build failed  |          | r8-crystax-1   |
| 168 | CrystaX NDK | Task    | Rejected   | Add NDK_SUPPRESS_WARNINGS variable to ndk-build  |          | r8-crystax-1   |
| 82  | CrystaX NDK | Task    | Open       | Implement plugin system for VFS in libcrystax  |          |                |
| 81  | CrystaX NDK | Feature | Open       | Add support for Fortran  |          |                |
| 80  | CrystaX NDK | Feature | Open       | Add support for GO   |          |                |
| 76  | CrystaX NDK | Task    | Open       | Assets driver for CrystaX VFS driver   |          |                |
| 75  | CrystaX NDK | Task    | Open       | Add metadata support to assets driver  |          |                |
| 73  | CrystaX NDK | Feature | Closed     | Make boost build   |          |                |
| 72  | CrystaX NDK | Task    | Open       | Add hooking of socket functions in Java for Android 2.1-3.2                              |          |                |
| 68  | CrystaX NDK | Feature | Open       | Run gcc testsuites after build   |          |                |