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	

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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: issetugid() 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.0123456789abcdefffp-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	