

## CrystaX NDK - Bug #952

### Error building PCH with clang

05/17/2015 08:48 PM - Dmitry Moskalchuk

<b>Status:</b>	Closed	<b>Start date:</b>	05/17/2015
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	Dmitry Moskalchuk	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	10.2.0	<b>Android version:</b>	
<b>CPU Architecture:</b>		<b>CrystaX Version:</b>	
<b>Host OS:</b>			
<b>Toolchain:</b>	clang-3.4, clang-3.5		

#### Description

"Here":

[http://www.boost.org/development/tests/develop/developer/output/CrystaX-NET-apilevel-19-armeabi-v7a-boost-bin-v2-libs-math-test-test\\_bessel\\_j\\_prime-test-clang-linux-3-5-release-link-static-target-os-android-threading-multi.html](http://www.boost.org/development/tests/develop/developer/output/CrystaX-NET-apilevel-19-armeabi-v7a-boost-bin-v2-libs-math-test-test_bessel_j_prime-test-clang-linux-3-5-release-link-static-target-os-android-threading-multi.html):

```
rm -f
```

```
"/home/cislave/.crystax/ci-boost/regression/android-19-armeabi-v7a-develop/test/develop/regression/armeabi-v7a/test/results/boost/b
in.v2/libs/math/test/clang-linux-3.5/release/link-static/target-os-android/threading-multi/pch.hpp.pth" &&
"/home/cislave/.crystax/ci-boost/regression/android-19-armeabi-v7a-develop/test/develop/regression/armeabi-v7a/clang-3.5/clang++-
3.5" -x c++-header -O3 -Wno-inline -Wall -DBOOST_ALL_NO_LIB=1 -DBOOST_BUILD_PCH_ENABLED
-DBOOST_CHRONO_STATIC_LINK=1 -DBOOST_SYSTEM_NO_DEPRECATED -DBOOST_SYSTEM_STATIC_LINK=1
-DBOOST_TEST_NO_AUTO_LINK=1 -DBOOST_TIMER_STATIC_LINK=1 -DBOOST_UBLAS_UNSUPPORTED_COMPILER=0
-DNDEBUG -I".." -I"../libs/math/include_private" -I"../libs/math/test" -Xclang -emit-ptx -o
"/home/cislave/.crystax/ci-boost/regression/android-19-armeabi-v7a-develop/test/develop/regression/armeabi-v7a/test/results/boost/b
in.v2/libs/math/test/clang-linux-3.5/release/link-static/target-os-android/threading-multi/pch.hpp.pth" "../libs/math/test/pch.hpp"
```

```
clang: error: cannot specify -o when generating multiple output files
```

#### History

##### #1 - 05/17/2015 08:52 PM - Dmitry Moskalchuk

- Priority changed from Normal to High

##### #2 - 05/20/2015 01:12 PM - Dmitry Moskalchuk

- Status changed from Open to In Progress

##### #3 - 05/20/2015 01:37 PM - Dmitry Moskalchuk

- Status changed from In Progress to Done

- Target version set to 10.2.0

- % Done changed from 0 to 100

It was bug of clang wrapper script, where it improperly assumed this is linking, not compiling of PCH. It's "fixed":

<https://github.com/crystax/android-platform-ndk/commit/8d152e56f4f4acd156e64811c859c5ef18002676> now.

##### #4 - 06/05/2015 03:00 PM - Dmitry Moskalchuk

- Status changed from Done to Closed

Fix verified.