

## CrystaX NDK - Bug #959

### crystax-test-posix-interfaces fails when compiled with clang3.6

06/04/2015 08:22 PM - Alexander Zhukov

<b>Status:</b> Closed	<b>Start date:</b> 06/04/2015
<b>Priority:</b> High	<b>Due date:</b>
<b>Assignee:</b> Dmitry Moskalchuk	<b>% Done:</b> 100%
<b>Category:</b> test	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b> 10.2.0	
<b>CPU Architecture:</b>	<b>Android version:</b>
<b>Host OS:</b>	<b>CrystaX Version:</b>
<b>Toolchain:</b> clang-3.6	

**Description**

```
2015-06-04 17:18:04.265 UTC: * In file included from
/Volumes/Source-HD/src/ndk/platform/ndk/sources/crystax/include/machine/endian.h:47:
2015-06-04 17:18:04.265 UTC: * /Volumes/Source-HD/src/ndk/platform/ndk/sources/crystax/include/crystax/arm64/endian.h:78:44:
error: value size does not match register size specified by the constraint and modifier [-Werror,-Wasm-operand-widths]
2015-06-04 17:18:04.266 UTC: * __asm volatile ("rev16 %0, %0" : "+r" (_x));
2015-06-04 17:18:04.266 UTC: *
^
2015-06-04 17:18:04.266 UTC: * /Volumes/Source-HD/src/ndk/platform/ndk/sources/crystax/include/crystax/arm64/endian.h:78:28:
note: use constraint modifier "w"
2015-06-04 17:18:04.266 UTC: * __asm volatile ("rev16 %0, %0" : "+r" (_x));
2015-06-04 17:18:04.266 UTC: *
~
2015-06-04 17:18:04.266 UTC: * %w0
2015-06-04 17:18:04.266 UTC: * /Volumes/Source-HD/src/ndk/platform/ndk/sources/crystax/include/crystax/arm64/endian.h:78:44:
error: value size does not match register size specified by the constraint and modifier [-Werror,-Wasm-operand-widths]
2015-06-04 17:18:04.266 UTC: * __asm volatile ("rev16 %0, %0" : "+r" (_x));
2015-06-04 17:18:04.266 UTC: *
^
2015-06-04 17:18:04.266 UTC: * /Volumes/Source-HD/src/ndk/platform/ndk/sources/crystax/include/crystax/arm64/endian.h:78:32:
note: use constraint modifier "w"
2015-06-04 17:18:04.267 UTC: * __asm volatile ("rev16 %0, %0" : "+r" (_x));
2015-06-04 17:18:04.267 UTC: *
~
2015-06-04 17:18:04.267 UTC: * %w0
2015-06-04 17:18:04.278 UTC: * 2 errors generated.
2015-06-04 17:18:04.279 UTC: * make: *** [obj/local/arm64-v8a/objs/test-std-functions/arpa_inet.o] Error 1
```

#### History

##### #1 - 06/04/2015 08:26 PM - Dmitry Moskalchuk

- Description updated

- Toolchain clang-3.6 added

##### #2 - 06/07/2015 04:28 PM - Dmitry Moskalchuk

- Priority changed from Normal to High

##### #3 - 06/07/2015 04:28 PM - Dmitry Moskalchuk

- Status changed from Open to In Progress

##### #4 - 06/07/2015 05:00 PM - Dmitry Moskalchuk

- Status changed from In Progress to Closed

- % Done changed from 0 to 100

"Fixed": <https://github.com/crystax/android-platform-ndk/commit/f5d4f5fbe9040b7bffb4ca770fb402c1b9198684>