

## Ryzom - Bug # 915

<b>Status:</b>	Closed	<b>Priority:</b>	Normal
<b>Author:</b>	AllenJB	<b>Category:</b>	Build
<b>Created:</b>	05/18/2010	<b>Assignee:</b>	kervalva
<b>Updated:</b>	09/29/2010	<b>Due date:</b>	
<b>Subject:</b>	NeL fails to build with --as-needed		
<b>Description</b>	<p>Building NeL with cmake fails when using --as-needed:</p> <pre>Scanning dependencies of target nl_sample_command [ 51%] Building CXX object samples/misc/command/CMakeFiles/nl_sample_command.dir/main.cpp.o [ 51%] Building CXX object src/3d/CMakeFiles/nel3d.dir/mesh_multi_lod.cpp.o Linking CXX executable ../../bin/nl_sample_command ../../lib/libnelmisc.so.0.7.0: undefined reference to `clock_getres' ../../lib/libnelmisc.so.0.7.0: undefined reference to `clock_gettime' collect2: ld returned 1 exit status make[2]: *** [bin/nl_sample_command] Error 1 make[1]: *** [samples/misc/command/CMakeFiles/nl_sample_command.dir/all] Error 2</pre> <p>Disabling --as-needed resolves this issue and NeL builds successfully.</p>		

### History

#### #1 - 07/16/2010 09:31 am - kervalva

Do you know why --as-needed disable -lrt ?

Edit: Please could you retry with last Mercurial version ?

#### #2 - 07/16/2010 11:53 am - kervalva

I succeeded to compile NeL with --as-needed, nl\_sample\_command is linked successfully with -lrt and is working fine.

Do you still have this problem ?

#### #3 - 07/16/2010 11:56 am - molator

I succeeded too on Debian.

#### #4 - 08/07/2010 09:25 am - kervalva

I got this same error while using -Wl,--as-needed, I'm looking for a workaround.

#### #5 - 08/07/2010 09:25 am - kervalva

- Status changed from New to Validated

**#6 - 08/07/2010 11:41 am - kerval**

It seems like adding : -Wl,--no-as-needed before -lrt fix this

**#7 - 09/09/2010 03:57 pm - kerval**

- Status changed from Validated to Resolved

- Assignee set to kerval

- Target version set to Version 0.8.0

Seems like that's working better now :)

Please could you try again ?

We added : --as-needed and --no-undefined by default for Linux

**#8 - 09/09/2010 03:58 pm - kerval**

- % Done changed from 0 to 100

**#9 - 09/11/2010 10:37 am - kerval**

AllenJB> please could you check again if you still have this error ? Thanks.

**#10 - 09/29/2010 10:22 pm - kerval**

- Status changed from Resolved to Closed

**Files**

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nel-9999_20100518-154641.log	76.4 kB	05/18/2010	AllenJB
nel-9999_20100518-154641.environment.log	112.3 kB	05/18/2010	AllenJB
nel-9999_emerge.info	4.7 kB	05/18/2010	AllenJB