

## Robotics Systems Commons - Bug #1226

### Missing dependency on Boost.Chrono in CMake-generated Visual Studio project

11/04/2012 11:02 AM - V. Losing

<b>Status:</b>	Resolved	<b>Start date:</b>	11/04/2012
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	J. Wienke	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	rsb-0.7		

#### Description

in all projects belonging to the RSB-Solution generated by cmake is the link to the boost\_chrono.lib missing.  
this is the message provided by the compiler.

LINK : fatal error LNK1104: cannot open file 'boost\_chrono-vc100-mt-gd-1\_50.lib'

at the moment this lib has to be added manually in the inputs of the linker.

#### Associated revisions

##### Revision f4e6ef89 - 11/14/2012 12:45 PM - J. Wienke

Fix compilation on windows with boost versions  $\geq 1.50$ .

chrono is now a dependency of thread, which we use in RSC. Hence,  
add chrono to the dependencies if boost version is  $\geq 1.50$ .

refs #1226

##### Revision 5e6cf54a - 11/14/2012 12:54 PM - J. Wienke

Backport: Fix compilation on windows with boost versions  $\geq 1.50$ .

chrono is now a dependency of thread, which we use in RSC. Hence,  
add chrono to the dependencies if boost version is  $\geq 1.50$ .

fixes #1226

Conflicts:

CMakeLists.txt

#### History

##### #1 - 11/04/2012 12:31 PM - J. Wienke

- Assignee set to J. Wienke

What is your boost version?

Does this already happen with RSC alone or just in conjunction with RSB?

##### #2 - 11/05/2012 03:31 PM - J. Moringen

- *Project changed from Robotics Systems Commons to Robotics Service Bus*
- *Subject changed from missing lib inputs for VSProject generated by cmake to Missing dependency on Boost.Chrono in CMake-generated Visual Studio project*
- *Category set to C++*
- *Target version set to rsb-0.7*

**#3 - 11/05/2012 03:36 PM - J. Wienke**

I am not sure about the move to RSB. I suspect that RSC already uses some chrono code.

**#4 - 11/05/2012 04:53 PM - J. Moringen**

I was told, that the actual linker error happens when building project:rsb. I'm not sure who the culprit is.

**#5 - 11/14/2012 12:42 PM - J. Wienke**

- *Project changed from Robotics Service Bus to Robotics Systems Commons*
- *Category deleted (C++)*

**#6 - 11/14/2012 12:43 PM - J. Wienke**

- *Status changed from New to In Progress*

According to this post:

<http://stackoverflow.com/questions/11962219/unresolved-external-symbol-boostchronosystem-clocknowvoid>

chrono is now a dependency for thread. As we are using thread in RSC, this issue belongs to RSC.

**#7 - 11/14/2012 12:55 PM - J. Wienke**

- *Status changed from In Progress to Resolved*
- *% Done changed from 0 to 100*

Applied in changeset rsc|commit:5e6cf54a743a64dcf0e07a917940cfee5cf48ae3.