

## Robotics Systems Types - Bug #2097

### Cross compilation of rst-converters fails due to linking against installed x64 libraries

11/20/2014 11:09 AM - T. Korthals

<b>Status:</b>	Rejected	<b>Start date:</b>	11/20/2014
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	cpp	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
Platform Ubuntu Trusty x64 with bitbake cross compilation environment			
Programs and Programming Languages C++			
rst-converters Version git/master			
What did you do? rst-converters cross compilation via bitbake			
What did you expect to happen? Normal compilation			
What happened instead? The provided CMakeLists.txt file found the rsc version installed on my computer, so the cross linker wanted to link against my x64 libraries			
Additional information Patch attached			

#### History

##### #1 - 11/20/2014 02:32 PM - J. Moringen

- Assignee changed from J. Moringen to J. Wienke

Johannes is more competent w.r.t. more complicated CMake problems

##### #2 - 11/25/2014 11:32 AM - J. Wienke

Why is this patch necessary? The RSBConfig.cmake triggered by FIND\_PACKAGE(RSB) already includes the FIND\_PACKAGE(RSC) line. Does bitbake preprocess the CMake files to identify things it needs to set and cannot find this hidden FIND\_PACKAGE call?

##### #3 - 12/20/2014 03:17 PM - T. Korthals

Hi,

the FIND\_PACKAGE(RSB) included the wrong FIND\_PACKAGE(RSC) because of our own work-around for cross-compilation.

FIND\_PACKAGE(RSC) accidentally included the x86 libraries from my own installation, because we edited the RSB cmake modules already for deployment before we compiled rst-converters.

So you can reject the bug!

**#4 - 12/20/2014 06:25 PM - J. Moringen**

- *Status changed from New to Rejected*

- *Assignee deleted (J. Wienke)*

## Files

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0001-Added-RSC-to-the-environment-to-allow-compilation-on.patch	855 Bytes	11/20/2014	T. Korthals
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