

Robotics Systems Commons - Bug #530

RSC's CMake configuration confuses internal and external Boost.UUID

08/31/2011 05:00 PM - J. Moringen

Status:	Resolved	Start date:	08/31/2011
Priority:	Normal	Due date:	
Assignee:	J. Wienke	% Done:	100%
Category:	cmake	Estimated time:	0.00 hour
Target version:			
Description			
<p>I think, the problem is caused by</p> <pre>SET(CMAKE_MODULE_PATH \${CMAKE_CURRENT_SOURCE_DIR}/cmake)</pre> <p>at the beginning of CMakeLists.txt which seems to cause the subsequent</p> <pre>FIND_PACKAGE(BoostUUID)</pre> <p>to find the FindBoostUUID.cmake file within the RSC distribution. This file is then probably treated as an external Boost.UUID library.</p>			

Associated revisions

Revision fe00f434 - 09/01/2011 11:25 AM - J. Wienke

fix boost uid internal finding logic

fixes #530

Revision 0f14da76 - 09/01/2011 11:28 AM - J. Wienke

merge r342 to branch

refs #530

History

#1 - 08/31/2011 05:01 PM - J. Moringen

- Description updated

#2 - 09/01/2011 10:11 AM - J. Wienke

- Category set to cmake

- Status changed from New to In Progress

#3 - 09/01/2011 10:17 AM - J. Wienke

CMAKE_MODULE_PATH is not used to find the required library. But I cannot reproduce this problem on archlinux.

#4 - 09/01/2011 10:22 AM - J. Wienke

- Status changed from *In Progress* to *Feedback*
- % Done changed from 0 to 20

Also on moma I get this correct result:

```
GET_FILENAME_COMPONENT(CONFIG_DIR "${CMAKE_CURRENT_LIST_FILE}" PATH)

SET(RSC_LIBRARIES "${CONFIG_DIR}/../lib/librsc.so")
SET(RSC_INCLUDE_DIRS "${CONFIG_DIR}/../include" "${CONFIG_DIR}/../include/rsc/3rdparty/boost.uuid")
SET(RSC_RUNTIME_LIBRARY_DIRS "${CONFIG_DIR}/../bin")
SET(RSC_VERSION "0.5.0")
SET(RSC_CMAKE_MODULE_PATH "${CONFIG_DIR}/../share/cmake/Modules")
SET(RSC_INTERNAL_BOOST_UUID TRUE)
```

What was your result?

#5 - 09/01/2011 11:26 AM - J. Wienke

- Status changed from *Feedback* to *Resolved*
- % Done changed from 20 to 100

Applied in changeset r342.