Robotics Systems Types - Bug #1237
Linking fails with undefined symbols due to overwritten CMake variable

11/15/2012 04:15 PM - S. Wrede

Status:	Resolved		**Start date:**	11/15/2012
Priority:	High		**Due date:**	
Assignee:			**% Done:**	100%
Category:	Build System		**Estimated time:**	0.00 hour
Target version:	rsb-0.9			

Description

The problem is that a downstream component requires RST with the sandbox component enabled while an upstream component requires only the regular RST component. That way, the RST_LIBRARIES variable ends up without the rstsandbox library entry.

This happenend to me using CCA and RST Converters. I could hack around this by changing the CCAConfig.cmake file as follows:

```
# RST
FIND_PACKAGE(RST REQUIRED COMPONENTS sandbox)
LIST(APPEND CCA_INCLUDE_DIRS   ${RST_INCLUDE_DIRS})
LIST(APPEND CCA_LIBRARIES      ${RST_LIBRARIES})
```

This is of course no correct solution.

It can probably be reproduced by just calling FIND_PACKAGE two times in a single file:

```
FIND_PACKAGE(RST REQUIRED COMPONENTS sandbox)
FIND_PACKAGE(RST REQUIRED)
```

History

#1 - 06/05/2013 08:59 PM - J. Moringen

- Status changed from New to Resolved

- % Done changed from 0 to 100

I think, we solved this in project:rst.

@Sebastian: please reopen, if you can still reproduce this.