Robotics Service Bus - Bug #1146
CMake configuration aborts if no spread is available

08/20/2012 09:13 PM - S. Wrede

Status:	Resolved		**Start date:**	08/20/2012
Priority:	Normal		**Due date:**	
Assignee:	S. Wrede		**% Done:**	100%
Category:	C++		**Estimated time:**	0.00 hour
Target version:	rsb-0.9			

Description

Environment: MacOS
Clean system, only RSC-0.8 installed, no Spread.

    device-07f5f8:build swrede$ cmake -DCMAKE_INSTALL_PREFIX=/vol/cit ..
    -- The C compiler identification is GNU 4.2.1
    -- The CXX compiler identification is Clang 3.1.0
    -- Checking whether C compiler has -isysroot
    -- Checking whether C compiler has -isysroot - yes
    -- Checking whether C compiler supports OSX deployment target flag
    -- Checking whether C compiler supports OSX deployment target flag - yes
    -- Check for working C compiler: /usr/bin/gcc
    -- Check for working C compiler: /usr/bin/gcc -- works
    -- Detecting C compiler ABI info
    -- Detecting C compiler ABI info - done
    -- Check for working CXX compiler: /usr/bin/c++
    -- Check for working CXX compiler: /usr/bin/c++ -- works
    -- Detecting CXX compiler ABI info
    -- Detecting CXX compiler ABI info - done
    -- Boost version: 1.50.0
    -- Found BoostUUID: /usr/local/include
    -- RSC version: 0.8.24
    -- RSC libraries: rsc
    -- RSC runtime library dirs: /vol/cit/share/rsc0.8/../../bin
    -- RSC CMake module path: /vol/cit/share/rsc0.8/../../share/rsc0.8/cmake/Modules
    -- Using CMake module path:
    /vol/cit/share/cmake/Modules;/vol/cit/share/rsc0.8/../../share/rsc0.8/cmake/Modules;/vol/cit/share/rsc0.8/../../share/rsc0.8/cmake/Modules⬚ -
    /Modules
    -- Found PkgConfig: /usr/local/bin/pkg-config (found version "0.25")
    -- Could NOT find Lcov (missing: LCOV_EXECUTABLE GENHTML_EXECUTABLE)
    -- Could NOT find gcovr (missing: GCOVR_EXECUTABLE)
    -- Could NOT find sloccount (missing: SLOCCOUNT_EXECUTABLE)
    -- Could NOT find Doxygen (missing: DOXYGEN_EXECUTABLE)
    -- Could NOT find Cppcheck (missing: CPPCHECK_EXECUTABLE CPPCHECK_VERSION)
    -- This is a git repository
    -- Performing Test CHECK_CXX_FLAG_pipe
    -- Performing Test CHECK_CXX_FLAG_pipe - Success
    -- Performing Test CHECK_CXX_FLAG_Wall
    -- Performing Test CHECK_CXX_FLAG_Wall - Success
    -- Performing Test CHECK_CXX_FLAG_Wextra
    -- Performing Test CHECK_CXX_FLAG_Wextra - Success
    -- Performing Test CHECK_CXX_FLAG_DIAGNOSTICS
    -- Performing Test CHECK_CXX_FLAG_DIAGNOSTICS - Success

-- Boost version: 1.50.0
-- Found the following Boost libraries:
--   regex
--   date_time
--   program_options
-- Boost version: 1.50.0
-- Looking for include file pthread.h
-- Looking for include file pthread.h - found
-- Looking for pthread_create
-- Looking for pthread_create - found
-- Found Threads: TRUE
-- Threading library:
-- protoc does not support matlab
-- Found PROTOBUF: /usr/local/lib/libprotobuf.dylib
-- RSBProtocol: Matching wire-format version (8)
-- Searching for spread library with name libspread.dylib
-- Spread version 4.0 requested
-- Found spread version:
-- Unable to determine spread version because the compilation of the test program failed
-- Could NOT find Spread (missing: SPREAD_LIBRARIES SPREAD_INCLUDE_DIRS SPREAD_VERSION_ACCEPTABLE)
(Required is at least version "4.0")
-- Spread executable not found. Unit tests will not be built!
-- Could NOT find Doxygen (missing: DOXYGEN_EXECUTABLE)
-- Disabled spread transport
-- Enabled socket transport
-- Enabling export macro RSB_PROTOCOL_EXPORT for CPP
-- Cannot enable coverage targets because neither lcov nor gcovr are found.
-- Generating package for generator: TGZ
CMake Error: The following variables are used in this project, but they are set to NOTFOUND.
Please set them or make sure they are set and tested correctly in the CMake files:
SPREAD_INCLUDE_DIRS (ADVANCED)
   used as include directory in directory /Users/swrede/Workspace/rsb/rsb-cpp/src
   used as include directory in directory /Users/swrede/Workspace/rsb/rsb-cpp/examples
   used as include directory in directory /Users/swrede/Workspace/rsb/rsb-cpp/examples
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   used as include directory in directory /Users/swrede/Workspace/rsb/rsb-cpp/apps
   used as include directory in directory /Users/swrede/Workspace/rsb/rsb-cpp/apps

SPREAD_LIBRARIES (ADVANCED)

   linked by target "rsbcore" in directory /Users/swrede/Workspace/rsb/rsb-cpp/src

-- Configuring incomplete, errors occurred!

device-07f5f8:build swrede$ cmake --version

cmake version 2.8.9

device-07f5f8:build swrede$ cmake -DCMAKE_INSTALL_PREFIX=/vol/cit -DBUILD_SPREAD_TRANSPORT=OFF ..

-- Boost version: 1.50.0

-- RSC version: 0.8.24

-- RSC libraries: rsc

-- RSC runtime library dirs: /vol/cit/share/rsc0.8/../../bin

-- RSC CMake module path: /vol/cit/share/rsc0.8/../../share/rsc0.8/cmake/Modules

-- Using CMake module path:

/vol/cit/share/cmake/Modules;/vol/cit/share/rsc0.8/../../share/rsc0.8/cmake/Modules;/vol/cit/share/rsc0.8/../../share/rsc0.8/cmake/Modules -

/Modules

-- Could NOT find Lcov (missing: LCOV_EXECUTABLE GENHTML_EXECUTABLE)

-- Could NOT find gcovr (missing: GCOVR_EXECUTABLE)

-- Could NOT find sloccount (missing: SLOCCOUNT_EXECUTABLE)

-- Could NOT find Doxygen (missing: DOXYGEN_EXECUTABLE)

-- Could NOT find Cppcheck (missing: CPPCHECK_EXECUTABLE CPPCHECK_VERSION)

-- This is a git repository

-- Boost version: 1.50.0

-- Found the following Boost libraries:

--   regex

--   date_time

--   program_options

-- Boost version: 1.50.0

-- Threading library:

-- protoc does not support matlab

-- RSBProtocol: Matching wire-format version (8)

-- Spread executable not found. Unit tests will not be built!

-- Could NOT find Doxygen (missing: DOXYGEN_EXECUTABLE)

-- Disabled spread transport

-- Enabled socket transport

-- Enabling export macro RSB_PROTOCOL_EXPORT for CPP

-- Cannot enable coverage targets because neither lcov nor gcovr are found.

-- Generating package for generator: TGZ

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SPREAD_LIBRARIES (ADVANCED)
    linked by target "rsbcore" in directory /Users/swrede/Workspace/rsb/rsb-cpp/src

-- Configuring incomplete, errors occurred!

Associated revisions

Revision 715140cb - 08/20/2012 09:20 PM - S. Wrede

Setting spread cmake vars explicitely to an empty string before use in further CMake logic, refs #1146

Revision 5243488a - 08/20/2012 09:27 PM - S. Wrede

Setting spread cmake vars explicitely to an empty string before use in further CMake logic, refs #1146

Revision 997bf725 - 08/21/2012 03:59 PM - S. Wrede

Setting spread cmake vars explicitely to an empty string before use in further CMake logic, refs #1146

History

#1 - 08/20/2012 09:23 PM - S. Wrede

- Status changed from New to Resolved

- % Done changed from 0 to 100

Should be fixed with commit:715140cb. Needs also be backported to 0.7.

#2 - 08/20/2012 09:33 PM - S. Wrede

Backport now also done.