

Robotics Systems Commons - Bug #1143

Compilation Fails Against Boost 1_50

08/17/2012 06:54 PM - S. Wrede

Status:	Resolved	Start date:	08/17/2012
Priority:	Normal	Due date:	
Assignee:	S. Wrede	% Done:	100%
Category:	Threading	Estimated time:	0.00 hour
Target version:	rsb-0.7		

Description

Environment: MacOS
Build system: Homebrew
Boost version: Updated to 1.50

```
==> make install
Scanning dependencies of target gmock
[ 1%] [ 2%] Building CXX object CMakeFiles/gmock.dir/gmock-1.6.0/src/gmock-all.cc.o
Building CXX object CMakeFiles/gmock.dir/gmock-1.6.0/gtest/src/gtest-all.cc.o
Scanning dependencies of target registry
[ 3%] Building CXX object test/CMakeFiles/registry.dir/rsc/misc/testRegistry.cpp.o
Scanning dependencies of target rsc
Linking CXX shared library ../build/libregistry.dylib
[ 5%] Building CXX object src/CMakeFiles/rsc.dir/rsc/logging/ConsoleLogger.cpp.o
Undefined symbols for architecture x86_64:
  "boost::system::system_category()", referenced from:
    boost::recursive_mutex::recursive_mutex() in testRegistry.cpp.o
    __GLOBAL__I_a in testRegistry.cpp.o
  "boost::system::generic_category()", referenced from:
    __GLOBAL__I_a in testRegistry.cpp.o
ld: symbol(s) not found for architecture x86_64
clang: error: linker command failed with exit code 1 (use -v to see invocation)
make[2]: *** [build/libregistry.dylib] Error 1
make[1]: *** [test/CMakeFiles/registry.dir/all] Error 2
make[1]: *** Waiting for unfinished jobs....
[ 6%] Building CXX object src/CMakeFiles/rsc.dir/rsc/logging/ConsoleLoggingSystem.cpp.o
[ 7%] [ 8%] Building CXX object src/CMakeFiles/rsc.dir/rsc/logging/Logger.cpp.o
Building CXX object src/CMakeFiles/rsc.dir/rsc/logging/LoggerFactory.cpp.o
[ 10%] Building CXX object src/CMakeFiles/rsc.dir/rsc/logging/LoggerProxy.cpp.o
[ 11%] Building CXX object src/CMakeFiles/rsc.dir/rsc/logging/LoggerTreeNode.cpp.o
[ 12%] Building CXX object src/CMakeFiles/rsc.dir/rsc/logging/LoggingSystem.cpp.o
[ 13%] Building CXX object src/CMakeFiles/rsc.dir/rsc/logging/OptionBasedConfigurator.cpp.o
Linking CXX static library build/libgmock.a
[ 13%] Built target gmock
[ 15%] Building CXX object src/CMakeFiles/rsc.dir/rsc/config/ConfigFileSource.cpp.o
[ 16%] Building CXX object src/CMakeFiles/rsc.dir/rsc/config/ConfigSource.cpp.o
[ 17%] Building CXX object src/CMakeFiles/rsc.dir/rsc/config/Environment.cpp.o
[ 18%] Building CXX object src/CMakeFiles/rsc.dir/rsc/config/OptionHandler.cpp.o
[ 20%] Building CXX object src/CMakeFiles/rsc.dir/rsc/config/PropertyHandler.cpp.o
[ 21%] Building CXX object src/CMakeFiles/rsc.dir/rsc/config/TypedValue.cpp.o
[ 22%] Building CXX object src/CMakeFiles/rsc.dir/rsc/math/MathUtils.cpp.o
[ 23%] Building CXX object src/CMakeFiles/rsc.dir/rsc/math/SequenceMonitor.cpp.o
[ 25%] Building CXX object src/CMakeFiles/rsc.dir/rsc/misc/IllegalStateException.cpp.o
```

```
[ 26%] Building CXX object src/CMakeFiles/rsc.dir/rsc/misc/langutils.cpp.o
[ 27%] Building CXX object src/CMakeFiles/rsc.dir/rsc/misc/UnsupportedOperationException.cpp.o
[ 28%] Building CXX object src/CMakeFiles/rsc.dir/rsc/misc/UUID.cpp.o
[ 30%] Building CXX object src/CMakeFiles/rsc.dir/rsc/runtime/ContainerIO.cpp.o
[ 31%] Building CXX object src/CMakeFiles/rsc.dir/rsc/runtime/Demangle.cpp.o
[ 32%] Building CXX object src/CMakeFiles/rsc.dir/rsc/runtime/InvalidMangledName.cpp.o
[ 33%] Building CXX object src/CMakeFiles/rsc.dir/rsc/runtime/NoSuchObject.cpp.o
[ 35%] [ 36%] Building CXX object src/CMakeFiles/rsc.dir/rsc/runtime/Printable.cpp.o
Building CXX object src/CMakeFiles/rsc.dir/rsc/runtime/Properties.cpp.o
[ 37%] Building CXX object src/CMakeFiles/rsc.dir/rsc/runtime/TypeStringTools.cpp.o
[ 38%] Building CXX object src/CMakeFiles/rsc.dir/rsc/patterns/ConstructError.cpp.o
[ 40%] Building CXX object src/CMakeFiles/rsc.dir/rsc/patterns/NoSuchImpl.cpp.o
[ 41%] Building CXX object src/CMakeFiles/rsc.dir/rsc/patterns/NoSuchKey.cpp.o
[ 42%] Building CXX object src/CMakeFiles/rsc.dir/rsc/threading/Future.cpp.o
[ 43%] Building CXX object src/CMakeFiles/rsc.dir/rsc/threading/InterruptedException.cpp.o
[ 45%] Building CXX object src/CMakeFiles/rsc.dir/rsc/threading/OrderedQueueDispatcherPool.cpp.o
[ 46%] Building CXX object src/CMakeFiles/rsc.dir/rsc/threading/PeriodicTask.cpp.o
In file included from /tmp/homebrew-rsc-0.7-ScY2/src/rsc/threading/Future.cpp:27:
/tmp/homebrew-rsc-0.7-ScY2/src/rsc/threading/Future.h:160:39: error: no member named 'TIME_UTC' in namespace 'boost';
did you mean 'TIME_UTC_'?
    xtime_get(&xt, boost::TIME_UTC);
                        ~~~~~^~~~~~
                        TIME_UTC_
```

```
/usr/local/include/boost/thread/xtime.hpp:23:5: note: 'TIME_UTC_' declared here
```

```
    TIME_UTC_=1
    ^
```

1 error generated.

```
make[2]: *** [src/CMakeFiles/rsc.dir/rsc/threading/Future.cpp.o] Error 1
```

```
make[2]: *** Waiting for unfinished jobs....
```

```
make[1]: *** [src/CMakeFiles/rsc.dir/all] Error 2
```

```
make: *** [all] Error 2
```

```
CMakeCache.txt was copied to /Users/swrede/Library/Logs/Homebrew
```

```
==> Build Environment
```

```
 HOMEBREW_VERSION: 0.9.2
```

```
 HEAD: 74a63bed548ff0c922ef19da94eaf528b299d55d
```

```
 CPU: quad-core 64-bit sandybridge
```

```
 OS X: 10.7.4-x86_64
```

```
 Xcode: 4.3.2
```

```
 CLT: 1.0.0.9000000000.1.1249367152
```

```
 X11: 2.6.4 in /usr/X11
```

```
 CC: /usr/bin/clang
```

```
 CXX: /usr/bin/clang++ => /usr/bin/clang
```

```
 LD: /usr/bin/clang
```

```
 CFLAGS: -Os -w -pipe -march=native -Qunused-arguments -mmacosx-version-min=10.7
```

```
 CXXFLAGS: -Os -w -pipe -march=native -Qunused-arguments -mmacosx-version-min=10.7
```

```
 CPPFLAGS: -isystem /usr/local/include
```

```
 LDFLAGS: -L/usr/local/lib
```

```
 MAKEFLAGS: -j4
```

```
 MACOSX_DEPLOYMENT_TARGET: 10.7
```

```
 OBJC: /usr/bin/clang
```

```
 PATH:
```

```
 /opt/local/bin:/opt/local/sbin:/usr/bin:/bin:/usr/sbin:/sbin:/usr/local/bin:/usr/X11/bin:/usr/texbin:/usr/local/Library/Contributions/cmds Error: P
```

```
s
```

Error: Failed executing: make install (rsc.rb:20)

This link will help resolve the above errors:

<https://github.com/swrede/homebrew-formulas/issues/new>

History

#1 - 08/20/2012 07:41 PM - S. Wrede

- *Category set to Threading*
- *Status changed from New to In Progress*

This seems to be fixed in commit:9de040d8 already but wasn't backported yet.

#2 - 08/20/2012 08:24 PM - S. Wrede

- *Status changed from In Progress to Resolved*

Fixed in 0.7 branch.

#3 - 08/21/2012 03:16 AM - J. Moringen

- *% Done changed from 0 to 100*