

Robotics Service Bus - Bug #135

boost::thread_resource_error thrown when creating subscribers

09/21/2010 07:02 PM - J. Wienke

Status:	Rejected	Start date:	09/21/2010
Priority:	Normal	Due date:	
Assignee:	S. Wrede	% Done:	0%
Category:	C++	Estimated time:	0.00 hour
Target version:			

Description

After having created a number of subscribers in one binary a boost::thread_resource_error is thrown even though the old subscribers and their thread pools are already removed and no other threads are running. To test this simply create a loop that initializes a subscriber and discards it at the end of the loop and let this code run for like 50 - 100 times.

```
#0 0xb77c7410 in __kernel_vsyscall ()
#1 0xb6fbd085 in raise () from /lib/tls/i686/cmov/libc.so.6
#2 0xb6f6bea01 in abort () from /lib/tls/i686/cmov/libc.so.6
#3 0xb71cd480 in __gnu_cxx::__verbose_terminate_handler () from /usr/lib/libstdc++.so.6
#4 0xb71cad05 in ?? () from /usr/lib/libstdc++.so.6
#5 0xb71cad42 in std::terminate () from /usr/lib/libstdc++.so.6
#6 0xb71cae6a in __cxa_throw () from /usr/lib/libstdc++.so.6
#7 0xb761a9b9 in boost::thread::start_thread (this=0xaf7329d0) at
/home/robocup/AR/boost_1_38_0/libs/thread/src/pthread/thread.cpp:199
#8 0xb731838b in thread<boost::_bi::bind_t<void, boost::_mfi::mf0<void, rsb::util::Task<void> >,
boost::_bi::list1<boost::_bi::value<rsb::util::Task<void>*> > > > (this=0xaf7329d0, f=
    {f_ = {f_ = 0xb7317ec2 <rsb::util::Task<void>::run()>}, l_ =
<boost::_bi::storage1<boost::_bi::value<rsb::util::Task<void>*> > > = {a1_ = {t_ = 0xaf732878}}, <No data fields>}})
    at /vol/nao/releases/cuttingedge/include/boost/thread/detail/thread.hpp:188
#9 0xb73184dc in rsb::util::Task<void>::start (this=0xaf732878) at
/home/jwienke/nao/RSB/src/rsb/transport/spread/.../util/Task.h:89
#10 0xb7318549 in rsb::util::TaskExecutor<void>::schedule (this=0xaf731c50, t=@0xbff21e88) at
/home/jwienke/nao/RSB/src/rsb/transport/spread/.../util/TaskExecutor.h:106
#11 0xb7322451 in rsb::util::TaskExecutor<void>::schedulePeriodic<rsb::spread::ReceiverTask> (this=0xaf731c50,
p=@0xbff21ee8, freq=0) at /home/jwienke/nao/RSB/src/rsb/transport/spread/.../util/TaskExecutor.h:101
#12 0xb731f630 in rsb::spread::SpreadPort::activate (this=0xaf731f38) at
/home/jwienke/nao/RSB/src/rsb/transport/spread/SpreadPort.cpp:78
#13 0xb7309eb0 in rsb::transport::Router::activate (this=0xaf731e80) at
/home/jwienke/nao/RSB/src/rsb/transport/Router.cpp:47
#14 0xb7682758 in rsb::Subscriber::activate (this=0xaf731ed8) at /vol/nao/releases/cuttingedge/include/rsb/Subscriber.h:65
#15 0xb76828d6 in Subscriber (this=0xaf731ed8, uri=@0xbff2205c) at
/vol/nao/releases/cuttingedge/include/rsb/Subscriber.h:44
#16 0xb72f8d98 in rsb::patterns::RemoteServer::getMethodSet (this=0xaf731c08, methodName=@0xbff22294,
sendType=@0xbff221c4) at /home/jwienke/nao/RSB/src/rsb/patterns/RemoteServer.cpp:118
#17 0xb72f9a74 in rsb::patterns::RemoteServer::callMethod (this=0xaf731c08, methodName=@0xbff22294,
data=@0xbff22260) at /home/jwienke/nao/RSB/src/rsb/patterns/RemoteServer.cpp:164
#18 0xb768b65c in egoMemory::comrsb::ComRsbLayerProxy::createRecord (this=0xbff228ec, record=@0xbff22910) at
/home/jwienke/nao/EgoMemory/src/EgoMemory/comrsb/ComRsbLayerProxy.cpp:46
#19 0x0816897c in ComRsbTest_testLayerProxy_Test::TestBody (this=0xaf7047d8) at
/home/jwienke/nao/EgoMemory/test/EgoMemory/comrsb/ComRsbTest.cpp:530
#20 0x081e9c5a in testing::Test::Run (this=0xaf7047d8) at
/home/jwienke/nao/EgoMemory/3rdparty/gtest-1.5.0/src/gtest.cc:2095
#21 0x081f0715 in testing::internal::TestInfoImpl::Run (this=0x825db20) at
```

```
/homes/jwienke/nao/EgoMemory/3rdparty/gtest-1.5.0/src/gtest.cc:2314
#22 0x081f0858 in testing::TestCase::Run (this=0x825d7f0) at
/homes/jwienke/nao/EgoMemory/3rdparty/gtest-1.5.0/src/gtest.cc:2420
#23 0x081f0b49 in testing::internal::UnitTestImpl::RunAllTests (this=0x825dcb0) at
/homes/jwienke/nao/EgoMemory/3rdparty/gtest-1.5.0/src/gtest.cc:4024
#24 0x081f0cd8 in testing::UnitTest::Run (this=0x824ab20) at
/homes/jwienke/nao/EgoMemory/3rdparty/gtest-1.5.0/src/gtest.cc:3687
#25 0x0817175b in main (argc=Cannot access memory at address 0x1399
) at /homes/jwienke/nao/EgoMemory/test/EgoMemory/comrsb/ComRsbTest.cpp:544
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History

#1 - 09/21/2010 07:02 PM - J. Wienke

- *Category set to C++*

#2 - 04/29/2011 05:53 PM - J. Wienke

- *Status changed from New to Rejected*

We never received this again.