

# Robotics Service Bus - Bug #930

## Segfault in socket-transport

03/07/2012 05:18 PM - C. Emmerich

<b>Status:</b>	Closed	<b>Start date:</b>	03/07/2012
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	C++	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			

### Description

- C++ logger as server
- lwrvortexsynchronizer as one client
- bag-record as second client

After a few seconds with both clients:

Program received signal SIGSEGV, Segmentation fault.

[Switching to Thread 0xb66ffb70 (LWP 16830)]

\_int\_malloc (av=<value optimized out>, bytes=<value optimized out>) at malloc.c:4304

4304 malloc.c: No such file or directory.

in malloc.c

(gdb) bt

#0 \_int\_malloc (av=<value optimized out>, bytes=<value optimized out>) at malloc.c:4304

#1 0x0081ff9c in \*\_\_GI\_\_\_libc\_malloc (bytes=38) at malloc.c:3660

#2 0x00732c07 in operator new(unsigned int) () from /usr/lib/libstdc++.so.6

#3 0x0070cd06 in std::string::\_Rep::\_S\_create(unsigned int, unsigned int, std::allocator<char> const&) () from /usr/lib/libstdc++.so.6

#4 0x0070d978 in std::string::\_Rep::\_M\_clone(std::allocator<char> const&, unsigned int) () from /usr/lib/libstdc++.so.6

#5 0x0070e6bf in std::string::assign(std::string const&) () from /usr/lib/libstdc++.so.6

#6 0x0032f65a in rsb::protocol::Notification::set\_scope (notification=..., event=..., wireSchema=..., data=...)

at /home/jenkins/workspace/rsb-cpp-trunk-package/label/ubuntu\_lucid\_32bit/rsb/build/src/rsb/protocol/Notification.pb.h:237

#7 rsb::transport::socket::eventToNotification (notification=..., event=..., wireSchema=..., data=...) at

/home/jenkins/workspace/rsb-cpp-trunk-package/label/ubuntu\_lucid\_32bit/rsb/src/rsb/transport/socket/Serialization.cpp:90

#8 0x002fbd8d in rsb::transport::socket::BusConnection::sendEvent (this=0xb3500878, event=..., wireSchema=...)

at

/home/jenkins/workspace/rsb-cpp-trunk-package/label/ubuntu\_lucid\_32bit/rsb/src/rsb/transport/socket/BusConnection.cpp:104

#9 0x0030f82f in rsb::transport::socket::BusServer::handleIncoming (this=0x8179060, event=DWARF-2 expression error:

DW\_OP\_reg operations must be used either alone or in conjunction with DW\_OP\_piece.

) at /home/jenkins/workspace/rsb-cpp-trunk-package/label/ubuntu\_lucid\_32bit/rsb/src/rsb/transport/socket/BusServer.cpp:94

#10 0x002febea in rsb::transport::socket::BusConnection::handleReadBody (this=0x817ad98, error=..., bytesTransferred=180, expected=180)

at

/home/jenkins/workspace/rsb-cpp-trunk-package/label/ubuntu\_lucid\_32bit/rsb/src/rsb/transport/socket/BusConnection.cpp:203

#11 0x00306af8 in call<boost::shared\_ptr<rsb::transport::socket::BusConnection>, boost::system::error\_code const, unsigned int, unsigned int> (base=0xb6701768) at /usr/include/boost/bind/mem\_fn\_template.hpp:375

#12 operator()<boost::shared\_ptr<rsb::transport::socket::BusConnection> > (base=0xb6701768) at

/usr/include/boost/bind/mem\_fn\_template.hpp:389

#13 operator()<boost::mf1::mf3<void, rsb::transport::socket::BusConnection, const boost::system::error\_code&, unsigned int, unsigned int>, boost::\_bi::list2<const boost::system::error\_code&, unsigned int&> > (base=0xb6701768)

at /usr/include/boost/bind/bind.hpp:450

#14 operator()<boost::system::error\_code, unsigned int> (base=0xb6701768) at /usr/include/boost/bind/bind\_template.hpp:76

#15 boost::asio::detail::read\_handler<boost::asio::basic\_stream\_socket<boost::asio::ip::tcp,



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unsigned int, unsigned int>, boost::_bi::list4<boost::_bi::value<boost::shared_ptr<rsb::transport::socket::BusConnection> >,
boost::arg<1> (*)(), boost::arg<2> (*)(), boost::_bi::value<unsigned int> > > > (base=0xb6701768) at
/usr/include/boost/asio/detail/handler_invoke_helpers.hpp:39
#21
asio_handler_invoke<boost::asio::detail::binder2<boost::asio::detail::read_handler<boost::asio::basic_stream_socket<boost::asio::ip::tcp, boost::asio::ip::tcp, boost::asio::stream_socket_service<boost::asio::ip::tcp> >, boost::asio::mutable_buffers_1,
boost::asio::detail::transfer_all_t, boost::_bi::bind_t<void, boost::_mfi::mf3<void, rsb::transport::socket::BusConnection,
boost::system::error_code const&, unsigned int, unsigned int>,
boost::_bi::list4<boost::_bi::value<boost::shared_ptr<rsb::transport::socket::BusConnection> >, boost::arg<1> (*)(),
boost::arg<2> (*)(), boost::_bi::value<unsigned int> > > >, boost::system::error_code, unsigned int>,
boost::asio::detail::read_handler<boost::asio::basic_stream_socket<boost::asio::ip::tcp,
boost::asio::stream_socket_service<boost::asio::ip::tcp> >, boost::asio::mutable_buffers_1, boost::asio::detail::transfer_all_t,
boost::_bi::bind_t<void, boost::_mfi::mf3<void, rsb::transport::socket::BusConnection, boost::system::error_code const&,
unsigned int, unsigned int>, boost::_bi::list4<boost::_bi::value<boost::shared_ptr<rsb::transport::socket::BusConnection> >,
boost::arg<1> (*)(), boost::arg<2> (*)(), boost::_bi::value<unsigned int> > > >, boost::system::error_code, unsigned int>
(base=0xb6701768) at /usr/include/boost/asio/detail/bind_handler.hpp:130
#22
invoke<boost::asio::detail::binder2<boost::asio::detail::read_handler<boost::asio::basic_stream_socket<boost::asio::ip::tcp,
boost::asio::stream_socket_service<boost::asio::ip::tcp> >, boost::asio::mutable_buffers_1, boost::asio::detail::transfer_all_t,
boost::_bi::bind_t<void, boost::_mfi::mf3<void, rsb::transport::socket::BusConnection, boost::system::error_code const&,
unsigned int, unsigned int>, boost::_bi::list4<boost::_bi::value<boost::shared_ptr<rsb::transport::socket::BusConnection> >,
boost::arg<1> (*)(), boost::arg<2> (*)(), boost::_bi::value<unsigned int> > > >, boost::system::error_code, unsigned int>,
boost::asio::detail::binder2<boost::asio::detail::read_handler<boost::asio::basic_stream_socket<boost::asio::ip::tcp,
boost::asio::stream_socket_service<boost::asio::ip::tcp> >, boost::asio::mutable_buffers_1, boost::asio::detail::transfer_all_t,
boost::_bi::bind_t<void, boost::_mfi::mf3<void, rsb::transport::socket::BusConnection, boost::system::error_code const&,
unsigned int, unsigned int>, boost::_bi::list4<boost::_bi::value<boost::shared_ptr<rsb::transport::socket::BusConnection> >,
boost::arg<1> (*)(), boost::arg<2> (*)(), boost::_bi::value<unsigned int> > > >, boost::system::error_code, unsigned int> >
(base=0xb6701768) at /usr/include/boost/asio/detail/handler_invoke_helpers.hpp:39
#23
boost::asio::detail::handler_queue::handler_wrapper<boost::asio::detail::binder2<boost::asio::detail::read_handler<boost::asio::basic_stream_socket<boost::asio::ip::tcp, boost::asio::basic_stream_socket<boost::asio::ip::tcp, boost::asio::stream_socket_service<boost::asio::ip::tcp> > >---Type <return> to
continue, or q <return> to quit---
, boost::asio::mutable_buffers_1, boost::asio::detail::transfer_all_t, boost::_bi::bind_t<void, boost::_mfi::mf3<void,
rsb::transport::socket::BusConnection, boost::system::error_code const&, unsigned int, unsigned int>,
boost::_bi::list4<boost::_bi::value<boost::shared_ptr<rsb::transport::socket::BusConnection> >, boost::arg<1> (*)(),
boost::arg<2> (*)(), boost::_bi::value<unsigned int> > > >, boost::system::error_code, unsigned int> >::do_call (
    base=0xb6701768) at /usr/include/boost/asio/detail/handler_queue.hpp:192
#24 0x003253e7 in boost::asio::detail::task_io_service<boost::asio::detail::epoll_reactor<false>
>::run(boost::system::error_code&) () from /usr/lib/librsbcore.so.0.6.0
#25 0x0032592b in boost::asio::io_service::run() () from /usr/lib/librsbcore.so.0.6.0
#26 0x0031cc77 in boost::_mfi::mf0<unsigned int, boost::asio::io_service>::operator() (this=0x8178ef8) at
/usr/include/boost/bind/mem_fn_template.hpp:49
#27 operator()<unsigned int, boost::_mfi::mf0<unsigned int, boost::asio::io_service>, boost::_bi::list0> (this=0x8178ef8) at
/usr/include/boost/bind/bind.hpp:236
#28 boost::_bi::bind_t<unsigned int, boost::_mfi::mf0<unsigned int, boost::asio::io_service>,
boost::_bi::list1<boost::_bi::value<boost::asio::io_service*> > >::operator() (this=0x8178ef8)
    at /usr/include/boost/bind/bind_template.hpp:20
#29 boost::detail::thread_data<boost::_bi::bind_t<unsigned int, boost::_mfi::mf0<unsigned int, boost::asio::io_service>,
boost::_bi::list1<boost::_bi::value<boost::asio::io_service*> > > >::run (this=0x8178ef8)
    at /usr/include/boost/thread/detail/thread.hpp:56
#30 0x003a27c5 in thread_proxy () from /usr/lib/libboost_thread.so.1.40.0
#31 0x0066196e in start_thread (arg=0xb66ffb70) at pthread_create.c:300
#32 0x0087da4e in clone () at ../sysdeps/unix/sysv/linux/i386/clone.S:130
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## History

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**#1 - 10/18/2015 08:57 PM - J. Moringen**

- *Status changed from New to Closed*

The code has changed a lot in the meantime and it is unclear whether this problem still exists. Please reopen if it does.