

Robotics Service Bus - Bug #1602

NullPointerException during Bus deactivation

08/28/2013 07:59 PM - J. Moringen

Status:	Resolved	Start date:	08/28/2013
Priority:	Normal	Due date:	
Assignee:	J. Wienke	% Done:	100%
Category:	Java	Estimated time:	0.00 hour
Target version:	rsb-0.10		

Description

See https://ci.cor-lab.org/view/rsb-trunk/job/rsb-xml-integrationtest-trunk/label=ubuntu_precise_32bit/1393/console

```
Exception in thread "main" java.lang.NullPointerException
  at rsb.transport.socket.BusBase.deactivate(BusBase.java:254)
  at rsb.transport.socket.BusClient.deactivate(BusClient.java:89)
  at rsb.transport.socket.RefCountingBus.deactivate(RefCountingBus.java:102)
  at rsb.transport.socket.SocketConnectorUtility.deactivate(SocketConnectorUtility.java:230)
  at rsb.transport.socket.SocketOutConnector.deactivate(SocketOutConnector.java:89)
  at rsb.eventprocessing.RouteConfiguratorUtility.deactivate(RouteConfiguratorUtility.java:116)
  at rsb.eventprocessing.DefaultOutRouteConfigurator.deactivate(DefaultOutRouteConfigurator.java:67)
  at rsb.Informer$InformerStateActive.deactivate(Informer.java:121)
  at rsb.Informer.deactivate(Informer.java:269)
  at rsb.informer.main(informer.java:82)
```

Associated revisions

Revision **bf47320e** - 09/02/2013 01:37 PM - J. Wienke

fixes #1602: exception during bus deactivation

Fix a threading error causing a NPE during deactivation.

Merge branch 'bug-1602'

History

#1 - 08/29/2013 10:03 AM - J. Wienke

- Status changed from New to In Progress

- Assignee set to J. Wienke

I will have a look at this

#2 - 08/29/2013 10:57 AM - J. Wienke

- Description updated

#3 - 08/29/2013 11:26 AM - J. Wienke

- Status changed from In Progress to Feedback

- % Done changed from 0 to 60

Jan, could you please check whether the proposed experimental patch in a respective bug branch cures the problem. There is not real chance to test this behavior as it is related to the exact timing of the shutdown sequence but I think I found a potential interleaving of threads we did not think of so far.

#4 - 09/02/2013 04:02 PM - J. Wienke

- *Status changed from Feedback to Resolved*

- *% Done changed from 60 to 100*

Applied in changeset rsb-java|commit:bf47320e919c339966f432372c61f08f977f2190.

#5 - 09/02/2013 04:03 PM - J. Wienke

I had no chance to formally verify this fix as I could never reproduce the original error. Even after running a loop for one day. Hopefully this helps.