

## Robotics Service Bus - Tasks #1229

### Check if spread java sources can be updated to 4.3

11/06/2012 02:25 PM - S. Wrede

<b>Status:</b>	Resolved	<b>Start date:</b>	11/06/2012
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	J. Wienke	<b>% Done:</b>	100%
<b>Category:</b>	Java	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	rsb-0.10		

#### Description

From the Spread mailing list:

Since you are using Spread 4.1, this may be a fixed problem. The Spread 4.2 release that came out in June has a number of fixes (especially to the Java API) which solved a number of deadlock, disconnection and crash bugs.

Sounds like a worthwhile effort.

#### Associated revisions

##### Revision 4f43186b - 12/03/2013 05:49 PM - J. Wienke

fixes #1229: update spread src to 4.3

Updated spread source copy to 4.3 version with our own tcp no delay patch.

Merge branch 'task-1229'

#### History

##### #1 - 11/06/2012 03:07 PM - J. Wienke

Actually the makefile for the daemon and C library is somehow broken for the 4.2 release and doesn't install the daemon etc. Very weird.

##### #2 - 11/06/2012 03:40 PM - S. Wrede

This is indeed strange. We should post a message to the Spread ML after we tested that with a current download. If the protocol implemented in the Java binding is backwards compatible (which I'd expect at least to version 4), we could upgrade at least the Java source.

##### #3 - 11/06/2012 03:44 PM - J. Wienke

I think it is not compatible or at least there are some glitches. I had a problem with a client compiled against 4.1 running with 4.2.

##### #4 - 04/17/2013 02:49 PM - J. Moringen

- Target version changed from rsb-0.9 to rsb-0.10

##### #5 - 08/27/2013 11:00 AM - J. Wienke

- Subject changed from Check if Spread Source in RSBJava is or can be updated to Spread 4.2 to Check if spread java sources can be updated to 4.3

- *Status changed from New to In Progress*
- *Assignee set to J. Wienke*

There are some parts left in our version of spread. I will report these changes upstream.

**#6 - 12/02/2013 11:32 AM - J. Wienke**

- *% Done changed from 0 to 60*

As there seems to be no immediate reaction from the spread guys I have created a feature branch with an upgraded version of the spread source (4.3) including the tcpNoDelay patch we had before. See branch task-1229. Unit tests run without problems even when running against a 4.2 daemon.

Any objections wrt merging this branch back to master?

**#7 - 12/04/2013 10:33 AM - J. Wienke**

- *Status changed from In Progress to Resolved*
- *% Done changed from 60 to 100*

Applied in changeset rsb-java|commit:4f43186bd7d5d34578b4af5d94e5e058c6da4ce6.