

## Robotics Service Bus - Bug #1537

### debian packaged rsb0.9 links against libspread, but doesn't have spread as debian dependency

06/07/2013 04:13 PM - Anonymous

<b>Status:</b> Closed	<b>Start date:</b> 06/07/2013
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 0%
<b>Category:</b> Packaging	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b> rsb-0.9	
<b>Description</b>	
librsb.so from the librsb0.9 debian package links against the system libspread.so	
<pre>\$ ldd /usr/lib/librsb.so.0.9 linux-vdso.so.1 =&gt; (0x00007fffc61ee000) libspread.so.2 =&gt; /usr/lib/./lib/libspread.so.2 (0x00007ffb20558000) libprotobuf.so.7 =&gt; /usr/lib/./lib/libprotobuf.so.7 (0x00007ffb20269000) [...]</pre>	
However, the librsb0.9 package does not depend on the spread package (it doesn't even recommend it).	
This seems to be a misconfiguration. Two possible options could be:	
<ol style="list-style-type: none"><li>1. Build the rsb 0.9 package without spread (which is possible AFAIR)</li><li>2. Configure the debian dependency to the spread package</li></ol>	
<b>Related issues:</b>	
Related to Robotics Service Bus - Tasks # 1167: Provide Spread transport as p...	<b>Resolved</b> 09/16/2012

## History

### #1 - 06/07/2013 04:20 PM - J. Moringen

We will turn the Spread transport into a plugin for the 0.9 release.

The best option therefore seems to be having

- the new librsb0.9-plugin-spread Debian package (or whatever the name will be) depend on our spread package
- the librsb0.9 Debian package suggest the librsb0.9-plugin-spread package

### #2 - 06/11/2013 04:36 PM - J. Moringen

- Status changed from Feedback to Closed

librsb does not directly use Spread anymore. Instead, the Spread transport is implemented as a plugin (rsb-spread-cpp repository) which can be loaded at runtime.

The Debian package for rsb-spread-cppDEPENDS on spread (>= 4.0).