

## Robotics Service Bus - Bug #2354

### Sending doubles vector using `rsb-toolscl0.13 send`

07/28/2015 11:18 AM - D. Barbot

<b>Status:</b>	Resolved	<b>Start date:</b>	07/28/2015
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	J. Moringen	<b>% Done:</b>	100%
<b>Category:</b>	Common Lisp Tools	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	rsb-0.13		
<b>Description</b>			
<p>It seems there is a problem when using <code>rsb-toolscl0.13 send</code> to send negative doubles between -1.0 and 1.0. The values being sent as positive only.</p> <p>In the enclosed file, I used a RSB informer program at first to send the values 0.5, -0.5, 0.1 and -0.1. Then, I used the <code>rsb-toolscl0.13 send</code> for the same values using commands such as the following: &gt; <code>rsb-toolscl0.13 send -l/vol/toolkit/nightly/trusty/x86_64/successful/share/rst0.13/proto/stable/rst/math/VectorDouble.proto 'pb::rst.math.VectorDouble:{data: [0.5]}' /test'</code> Results threw the logger are explicit.</p> <p>I didn't try with other versions of the tool than the current <code>/vol/toolkit/nightly/trusty/x86_64/successful/</code> folder one (being folder 117 at the moment). Neither did I with other senders like the cpp one.</p>			

#### Associated revisions

##### Revision 362c0e5c - 07/28/2015 12:04 PM - J. Moringen

Fixed float rule in `common/protocol-buffer-payload.lisp`

Float literals were parsed incorrectly w.r.t. to a leading "+" or "-" sign character.

fixes #2354

- `common/protocol-buffer-payload.lisp` (sign): new rule; sign for numbers literals  
(float): fixed sign handling and result construction; use new `sign` rule
- `test/common/protocol-buffer-payload.lisp`  
(test `protocol-buffer-payload-root::grammar/smoke`): added a few cases exercising the parsing of float literals

##### Revision 816ca7e0 - 07/28/2015 12:28 PM - J. Moringen

Backport: Fixed float rule in `common/protocol-buffer-payload.lisp`

Float literals were parsed incorrectly w.r.t. to a leading "+" or "-" sign character.

refs #2354

- `common/protocol-buffer-payload.lisp` (sign): new rule; sign for numbers

literals

(float): fixed sign handling and result construction; use new `sign`

rule

- test/common/protocol-buffer-payload.lisp

(test protocol-buffer-payload-root::grammar/smoke): added a few cases  
exercising the parsing of float literals

(cherry picked from commit 362c0e5cd64e7cc3dfa93fcc5d8d7feca2fd2b66)

## History

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### #1 - 07/28/2015 12:06 PM - J. Moringen

- Status changed from *New* to *In Progress*

- % Done changed from 0 to 50

### #2 - 07/28/2015 12:20 PM - J. Moringen

- Status changed from *In Progress* to *Resolved*

- % Done changed from 50 to 100

Applied in changeset commit:rsb-tools-cl|362c0e5cd64e7cc3dfa93fcc5d8d7feca2fd2b66.

## Files

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Screenshot - Debug RSB send.png

73.8 KB

07/28/2015

D. Barbot