

Robotics Service Bus - Bug #1497

Receive and Deliver-Timestamps not set correctly

05/13/2013 11:00 PM - J. Wienke

| | | | |
|---|-------------|------------------------|------------|
| Status: | Resolved | Start date: | 05/13/2013 |
| Priority: | Normal | Due date: | |
| Assignee: | J. Moringen | % Done: | 100% |
| Category: | Common Lisp | Estimated time: | 0.00 hour |
| Target version: | rsb-0.9 | | |
| Description | | | |
| <p>I am not entirely sure which part is causing this, but I am using bag-play to replay old log files and messages from these log files are synced using timesync. Looking at the output of timesync it seems that receive and deliver timestamps are not set properly:</p> | | | |
| <p>Event</p> <p>Scope : /my/out/sync/vfoa/</p> <p>Id : 2D8F70FA-E789-5BA6-99FA-A8ADC3FF310A</p> <p>Sequence-Number: 39</p> <p>Origin : 1D50F9F3-25F1-45D8-A65C-933A5F9843C4</p> <p>Method : N/A</p> <p>Timestamps</p> <p>Create : 2013-05-13T17:31:33.336956+02:00</p> <p>Send : 2013-05-13T17:31:33.337014+02:00</p> <p>Receive: 2013-05-13T17:31:33.390350+02:00</p> <p>Deliver: 2013-05-13T17:31:33.390356+02:00</p> <p>Meta-Data</p> <p>Rsb.Transport.Payload-Size: 808</p> <p>Rsb.Transport.Wire-Schema : .rsb.protocol.collections.EventsByScopeMap</p> <p>Rsb.Wire-Schema : .rsb.protocol.collections.EventsByScopeMap</p> <p>Causes</p> <p>DF9DA95A-2B53-55F0-A294-6063345D347A</p> <p>B1AF34F2-6FD2-5231-A446-49B9A6E697CC</p> <p>Payload (RSB.PROTOCOL.COLLECTIONS:EVENTS-BY-SCOPE-MAP)</p> <p>Events by Scope (2 Scopes)</p> <p>Scope "/monitoring/audit/volhumavipsreleasesy3demobinrsbvfoacomponent/3193/"</p> <p>Event</p> <p>Scope : /monitoring/audit/volhumavipsreleasesy3demobinrsbvfoacomponent/3193/</p> <p>Id : DF9DA95A-2B53-55F0-A294-6063345D347A</p> <p>Sequence-Number: 61</p> <p>Origin : E575EEA6-92C8-4170-85C7-178AE20A62A3</p> <p>Method : N/A</p> <p>Timestamps</p> <p>Create : 2013-05-13T17:31:33.228427+02:00</p> <p>Send : 2013-05-13T17:31:33.228465+02:00</p> <p>Receive : 2013-02-20T14:53:52.674019+01:00</p> <p>Deliver : 2013-02-20T14:53:52.674022+01:00</p> <p>Monitor-Finished: 2013-02-20T14:53:52.668788+01:00</p> | | | |
| <p>You can see that the receive and deliver timestamps are from the original recording time even though the events were sent by bag-play today and hence also received today. I suspect what happens is that bag-play already sets the timestamps before sending and the CPP socket transport on the receiving side does not override these timestamps.</p> | | | |

Associated revisions

Revision 885a8b84 - 05/28/2013 07:47 PM - J. Moringen

Format user timestamps distinguishably in formatting/event-style-meta-data.lisp

refs #1497

- formatting/util.lisp (header): updated copyright
(timestamp-name): new function; prepend "" to names of user timestamps
(framework-timestamp?): new function; predicates which indicates whether a timestamp name names a framework timestamp
- formatting/event-style-meta-data.lisp
(format-event event style-meta-data): apply `timestamp-name' to timestamp names
- test/formatting/style-meta-data.lisp
(test style-meta-data-root::smoke): added a case which checks formatting of user timestamps

Revision 3186c41c - 05/29/2013 12:39 AM - J. Moringen

Fixed separation of framework- and user-timestamps in src/transport/*/conversion.lisp

refs #1497

- src/transport/socket/conversion.lisp (make-notification): be careful to not store any framework timestamps in the user timestamp storage
- src/transport/spread/conversion.lisp (header): updated copyright
(make-notification): like above
- test/informer.lisp (test informer-root::send/event): ignore all framework timestamps

History

#1 - 05/27/2013 05:21 PM - J. Wienke

- *Category changed from Socket Transport to Common Lisp*
- *Assignee set to J. Moringen*

Generally the problem does not exist in the core but is merely a display problem of the cl logger. What happens is that bag play puts the original timestamps into the user timestamps and the logger cannot handle framework and user timestamps with the same names.

#2 - 05/29/2013 12:10 AM - J. Moringen

- *Status changed from New to In Progress*
- *% Done changed from 0 to 30*

#3 - 05/29/2013 02:06 AM - J. Moringen

- *Status changed from In Progress to Feedback*
- *% Done changed from 30 to 100*

@Johannes: Please check whether these changes fix the problem for you.

#4 - 05/29/2013 04:00 PM - J. Wienke

- *Status changed from Feedback to Resolved*

Looks correct to me now.