

RSBag - Feature #2370

rsbag record should perform an introspection survey at the start of each recording

08/28/2015 10:09 AM - J. Moringen

Status:	Resolved	Start date:	08/28/2015
Priority:	Normal	Due date:	
Assignee:	J. Moringen	% Done:	100%
Category:	Commandline Tools	Estimated time:	0.00 hour
Target version:	rsb-0.13		
Description			
<ul style="list-style-type: none">- Determine transports for introspection survey:<ol style="list-style-type: none">1. Map requested recording URIs to transports2. Deduplicate list of transports3. Send survey over these transports, ignoring global transport configuration (using introspection-receiver?)- Commandline option for disabling this behavior- Maybe later: restrict recorded introspection information to recorded <i>scopes</i>, not just transports			
Related issues:			
Related to RSBag - Feature # 2373: Implement a rsbag introspect command for i...		Resolved	08/29/2015

Associated revisions

Revision adc19c75 - 12/04/2015 03:57 PM - J. Moringen

Added recording-bag-connection in src/rsb/bag-connection.lisp

refs #2370

- src/rsb/bag-connection.lisp (header): updated copyright
(recording-bag-connection): new class; specialized bag connection for recording direction
- src/rsb/construction.lisp (events->bag sequence bag): construct a `recording-bag-connection` instance
- src/rsb/package.lisp (header): updated copyright
(package rsbag.rsb): added exported symbol recording-bag-connection

Revision 50b85929 - 12/04/2015 04:53 PM - J. Moringen

Improve start protocol implementation for connections in src/rsb/*.lisp

refs #2370

Connections no longer accept a start keyword parameter in the `initialize-instance` methods. Instead, the connection is constructed and then started via the `start` generic function.

- src/rsb/channel-connection.lisp
(initialize-instance :after recording-channel-connection): removed; didn't make sense
- src/rsb/construction.lisp (events->bag listener bag): do not accept start? keyword parameter
(events->bag sequence bag): do not pass start? keyword argument to

recursive calls for channel connection; instead call `start` on the connection once it is constructed

Revision d4737ec1 - 12/04/2015 05:01 PM - J. Moringen

Perform introspection survey on recording start in src/rsb/bag-connection.lisp

fixes #2370

This initial introspection survey allows introspecting the recorded system based on the recorded data.

- src/rsb/channel-connection.lisp (header): updated copyright
(handle recording-channel-connection event): added hack to ensure presence of wire-schema and suitable data in event
- src/rsb/bag-connection.lisp (start :after recording-bag-connection):
new method; perform introspection survey on all buses for which URLs have been supplied for recording
- test/rsb/package.lisp (header): updated copyright
(**test-configuration**): new variable; rsb configuration for tests
(test suite rsb-root): added dynamic binding for rsb configuration
- cl-rsbag.asd (system cl-rsbag): added system dependency on rsb-introspection

Revision 87323d1b - 12/07/2015 10:03 AM - J. Moringen

Mention bag record introspection survey in news.rst

refs #2370

- news.rst (RSBag 0.13): mention introspection survey performed by the record command at the beginning of recordings

Revision 35f7a15f - 12/07/2015 10:34 AM - J. Moringen

Recording introspection survey is optional in src/rsb/bag-connection.lisp

refs #2370

- src/rsb/bag-connection.lisp
(recording-bag-connection::introspection-survey?): new slot; controls whether an introspection survey should be performed
(start :after recording-bag-connection): only perform introspection survey if the introspection-survey? slot says so
- src/rsb/construction.lisp (events->bag sequence bag): accept introspection-survey? keyword parameter pass to `recording-bag-connection`
- test/rsb/protocol.lisp (test events->bag-root::smoke): test :introspection-survey? keyword argument

Revision e804bbca - 12/07/2015 11:18 AM - J. Moringen

Bag record introspection survey in {src/commands/record,bag-record/main}.lisp

refs #2370

- src/commands/record.lisp (record::introspection-survey?): new slot (command-execute record):
- bag-record/main.lisp (update-synopsis): (main):
- CMakeLists.txt: added tests for introspection-survey option of the record command

Revision 8fee5e81 - 12/08/2015 11:31 PM - J. Moringen

introspection-survey commandline option in tool-record.rst

refs #2370

- tool-record.rst (Description): added description of introspection-survey commandline option
- news.rst (RSBag 0.13): mention introspection survey performed by the record command at the beginning of recordings

History

#1 - 08/28/2015 10:10 AM - J. Moringen

- *Project changed from Robotics Service Bus to RSBag*
- *Category deleted (Common Lisp Tools)*

#2 - 08/29/2015 06:37 PM - J. Moringen

- *Related to Feature #2373: Implement a rsbag introspect command for introspecting systems described by log files added*

#3 - 08/29/2015 06:37 PM - J. Moringen

- *Category set to Commandline Tools*

#4 - 09/05/2015 05:24 PM - J. Moringen

- *Status changed from New to In Progress*
- *% Done changed from 0 to 10*

#5 - 09/07/2015 08:47 AM - J. Moringen

- *% Done changed from 10 to 50*

#6 - 12/04/2015 05:30 PM - J. Moringen

- *Status changed from In Progress to Resolved*
- *% Done changed from 50 to 100*

Applied in changeset commit:rsbag-cl|d4737ec1ec9cd7320e75d71e2361070ebdf10ec6.