

RSBag - Tasks #932

Implement --start-time and --end-time for bag-{cat,play}

03/08/2012 12:46 PM - J. Moringen

Status:	Resolved	Start date:	03/08/2012
Priority:	Normal	Due date:	
Assignee:	J. Moringen	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	rsb-0.7		
Description			
These are more convenient than --start-index and --end-index but functionally equivalent. However, I think Vasil or somebody would have liked to use --start-time yesterday. Is a backport to 0.6 necessary?			
Related issues:			
Related to RSBag - Enhancement # 933: bag-cat should use the same replay mach...		Resolved	03/08/2012

Associated revisions

Revision 926727ce - 03/08/2012 02:40 PM - J. Moringen

Added time-bounds-mixin in src/rsb/replay/bounds-mixin.lisp

refs #932

- src/rsb/construction.lisp (bag->events bag uri): accept start-time and end-time keyword parameters; only pass {start,end}-{index,time} to 'make-replay-strategy' if the respective parameter has actually been supplied
- src/rsb/replay/bounds-mixin.lisp (bounds-mixin::start-index): allow value nil
(bounds-mixin): updated documentation string
(shared-initialize :before bounds-mixin t): new method check consistency of supplied initargs
(strategy-start-index bounds-mixin): substitute nil with 0, if necessary
(replay :before replay-bag-connection bounds-mixin): new method; check consistency of indices
(print-object bounds-mixin t): improved and fixed format
(time-bounds-mixin): new class; mixin class for time-based bounds specification
(replay :before replay-bag-connection time-bounds-mixin): new method; translate timestamps into indices, if necessary
(check-ordered-indices): new function; utility function for checking ordered indices
(check-ordered-timestamps): similar for timestamps
- src/rsb/replay/sequential-mixin.lisp (sequential-mixin): changed superclass 'bounds-mixin' -> 'time-bounds-mixin'
- src/rsb/replay/package.lisp (package rsbag.rsb.replay): added exported symbols strategy-start-time, strategy-end-time and time-bounds-mixin

Revision 833c63b7 - 03/08/2012 02:40 PM - J. Moringen

Support {start,end}-time in bag-play/main.lisp

refs #932

- bag-play/main.lisp (update-synopsis): updated and extended

descriptions of {start,end}-{time,index} commandline options

(process-bounds-options): new function; process and check {start,end}-{time,index} commandline options

(main): use `process-bounds-options`

Revision 80293124 - 03/08/2012 03:15 PM - J. Moringen

Selector parameter in src/rsb/replay/view-creation-mixin.lisp

refs #932

- src/rsb/replay/view-creation-mixin.lisp
(make-view replay-bag-connection view-creation-mixin): added selector keyword parameter

Revision 491839fd - 03/09/2012 03:29 AM - J. Moringen

Fixed initargs in src/rsb/replay/bounds-mixin.lisp

refs #932

- src/rsb/replay/bounds-mixin.lisp (time-bounds-mixin::start-time): fixed initarg
(time-bounds-mixin::end-time): likewise

Revision 1cde3a14 - 03/09/2012 03:29 AM - J. Moringen

Improved error reports in src/rsb/replay/bounds-mixin.lisp

refs #932

- src/rsb/replay/bounds-mixin.lisp (check-ordered-indices): improved error reports
(check-ordered-timestamps): likewise

Revision ffaa689f - 03/09/2012 03:29 AM - J. Moringen

Improved timestamp parsing in bag-cat/main.lisp

refs #932

- bag-cat/main.lisp (main): limit modification of **readtable** for local-time to option parsing phase

Revision b675917b - 03/09/2012 03:29 AM - J. Moringen

Fixed make-replay-strategy-help-string in bag-play/help.lisp

refs #932

- bag-play/help.lisp (make-replay-strategy-help-string): added :start-time and :end-time to initarg-blacklist

Revision 20f10877 - 03/09/2012 03:29 AM - J. Moringen

Added module for common functions in common/

refs #932

- common/options.lisp: new file; commandline option utilities
- common/help.lisp: new file; help text generation
- common/package.lisp: new file; package definition for common module
- cl-rsbag-common.asd: new file; system definition for system cl-rsbag-common

Revision a7802bae - 03/09/2012 03:29 AM - J. Moringen

Use rsbag.common utilities in bag-{play,cat}/main.lisp

refs #932

- bag-play/help.lisp (make-replay-strategy-help-string): removed; provided by rsbag.common
- bag-play/main.lisp (update-synopsis): removed replay-related options; use `make-replay-options' provided by rsbag.common (process-bounds-options): removed; provided by rsbag.common (main): use `process-bounds-options' from rsbag.common; removed commandline option checks
- bag-play/package.lisp (header): updated copyright (package rsbag.tools.play): added used package rsbag.common
- cl-rsbag-tools-play.asd (system cl-rsbag-tools-play): added system dependency on cl-rsbag-common
- bag-cat/main.lisp (update-synopsis): removed replay-related options; use `make-replay-options' provided by rsbag.common (main): use `process-bounds-options' from rsbag.common; removed commandline option checks
- bag-cat/package.lisp (header): updated copyright (package rsbag.tools.cat): added used package rsbag.common
- cl-rsbag-tools-cat.asd (system cl-rsbag-tools-cat): added system dependency on cl-rsbag-common

Revision e80eb1f3 - 03/12/2012 02:04 AM - J. Moringen

Fixed bag->events in src/rsb/{protocol,construction}.lisp

refs #932

- src/rsb/protocol.lisp (bag->events): added keyword parameters start-time and end-time; extended documentation string accordingly
- src/rsb/construction.lisp (bag->events bag uri): removed unused keyword parameter {start,end}-{time,index}

Revision 433cc133 - 03/12/2012 02:35 AM - J. Moringen

Support function sinks in bag->events in src/rsb/construction.lisp

refs #932, #933

- src/rsb/construction.lisp (define-open-bag-method): generated methods accept transform keyword parameter which gets passed to `open-bag' (bag->events bag t): changed specializer uri \Rightarrow t (~~bag->events t string~~): changed specializer bag \Rightarrow t (~~bag->events channel uri~~): changed channel connection class `channel-connection' \Rightarrow ~~participant-channel-connection'~~ (~~bag->events channel function~~): new method; use a function as the sink of a bag connection and its channel connections
- src/rsb/channel-connection.lisp (close channel-connection): fixed keyword parameters; do nothing (participant-channel-connection): new class; specialized channel connection for cases in which the sink is a RSB participant (close participant-channel-connection): new method; detach the participant
- src/rsb/package.lisp (header): updated copyright (package rsbag.rsb): added exported symbol

- participant-channel-connection
- src/rsb/replay/sequential-mixin.lisp
(process-event replay-bag-connection sequential-mixin t t t function):
new method; use a function as sink

Revision b7af1d7e - 03/12/2012 02:22 PM - J. Moringen

Customizable defaults in make-replay-options common/options.lisp

refs #932, #933

- common/options.lisp (make-replay-options): added keyword parameter
replay-strategy-default; use as default value of replay-strategy
option

Revision b12dae52 - 03/12/2012 02:22 PM - J. Moringen

Use bag->events in bag-cat/main.lisp

refs #932, fixes #933

- bag-cat/main.lisp (update-synopsis): set default value of replay
strategy to as-fast-as-possible
(main): instead of manually setting up a serialized view of the
requested channels, use `bag->events' to create replay bag
connection; support for {start,end}-{time,index} comes for free
- bag-cat/package.lisp (package rsbag.tools.cat): added used package
rsbag.rsb

Revision 47f97dbb - 03/12/2012 04:40 PM - J. Moringen

Support real start/end times in src/rsb/replay/bounds-mixin.lisp

refs #932

- src/rsb/replay/types.lisp: new file; contains type
`range-boundary/timestamp'
- src/rsb/replay/bounds-mixin.lisp (time-bounds-mixin::start-time):
changed type to range-boundary/timestamp
(time-bounds-mixin::end-time): likewise
(replay :before replay-bag-connection time-bounds-mixin): handle
real start/end times
- src/rsb/replay/package.lisp (package rsbag.rsb.replay): added
exported symbol range-boundary/timestamp
- cl-rsbag.asd (system cl-rsbag): added file src/rsb/replay/types.lisp

Revision d2b1b248 - 03/12/2012 04:40 PM - J. Moringen

Fixed start/end time handling in src/rsb/replay/bounds-mixin.lisp

refs #932

- src/rsb/replay/bounds-mixin.lisp
(replay :before replay-bag-connection time-bounds-mixin): do not
fail if the bag does not have start and end times; warn instead

Revision 8994a5ce - 03/12/2012 04:40 PM - J. Moringen

Accept real values in for {start,end}-time in common/options.lisp

fixes #932

- common/options.lisp (make-replay-options): changed type of

- start-time and end-time options to range-boundary/timestamp
- common/package.lisp (package rsbag.common): added used package rsbag.rsb.replay
- CMakeLists.txt: simplified test definitions; test {start,end}-{time,index} for bag-{cat,play}

Revision 961585b8 - 03/12/2012 05:30 PM - J. Moringen

Improved explanations of {start,end}-{time,index} in manual/common.rst
refs #932

- manual/common.rst: improved explanations of {start,end}-{time,index}

Revision ab98f0aa - 03/12/2012 06:36 PM - J. Moringen

merged proper support for {start,end}-{time,index} in bag-{cat,play} from trunk (r387, r386, r385, r384, r383, r382, r381, r378, r369, r368, r367, r366, r365, r364, r363, r362, r361, r360, r358) refs #932, #933

Revision cdffa1c8 - 03/12/2012 06:36 PM - J. Moringen

merged proper support for {start,end}-{time,index} in bag-{cat,play} from trunk (r387, r386, r385, r384, r383, r382, r381, r378, r369, r368, r367, r366, r365, r364, r363, r362, r361, r360, r358) refs #932, #933

Revision 7a558e0f - 03/12/2012 06:36 PM - J. Moringen

merged proper support for {start,end}-{time,index} in bag-{cat,play} from trunk (r387, r386, r385, r384, r383, r382, r381, r378, r369, r368, r367, r366, r365, r364, r363, r362, r361, r360, r358) refs #932, #933

History

#1 - 03/08/2012 12:46 PM - J. Moringen

- *Description updated*

#2 - 03/08/2012 01:17 PM - J. Wienke

i would like to have this for 0.6 as well

#3 - 03/08/2012 04:35 PM - J. Moringen

- % Done changed from 20 to 60

Works in the trunk version of bag-play. bag-cat and backport for 0.6 pending.

#4 - 03/12/2012 01:33 PM - J. Moringen

- % Done changed from 60 to 80

#5 - 03/12/2012 04:41 PM - J. Moringen

- *Status changed from In Progress to Resolved*

- % Done changed from 80 to 100

Applied in changeset r386.