Robotics Service Bus - Enhancement #1779
Logger's timeline view should be able to display events with "off" timestamps

02/18/2014 07:13 PM - J. Moringen

Status:	Resolved	**Start date:**	02/18/2014
Priority:	Normal	**Due date:**	
Assignee:	J. Moringen	**% Done:**	100%
Category:	Common Lisp Tools	**Estimated time:**	0.00 hour
Target version:	rsb-0.10		

Description

- timestamps from the recent past
- timestamps from the near future

Associated revisions

Revision 4f2aa8bc - 02/20/2014 12:43 PM - J. Moringen

Allow out-of-order updates of cells in formatting/timeline.lisp

fixes #1779

Previously, newly added cells would be updated once when processing a batch of events and then never again leading to dropping of events (or batches) which were processed out-of-order (w.r.t. to the configured timestamp). Now, cells can be updated after their initial population.

- formatting/timeline.lisp (%cell): added slots count and max-size
  (cell-glyph): new function; return cached glyph or compute glyph
  (%cell-update): new function; update count and max-size slots and
  clear cached glyph
  (glyph-for-data): new function; based on `glyph-for-events'
  (timeline::events): removed initarg; renamed accessor style-{events ->
  %events}; mention sorting requirement
  (format-event eql :trigger timeline t): use `cell-glyph'; do not pop
  off first cache element for update since it is now mutable
  (format-event :around t timeline t): use `merge' to sort queued events
  (fill-cache!): re-visit cache cells if necessary; removed much of the
  intricate update logic which became unnecessary
  (glyph-for-events): removed; replaced by `glyph-for-data'

Revision 8eccec09 - 02/20/2014 02:51 PM - J. Moringen

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Revision f4c6694f - 02/20/2014 03:04 PM - J. Moringen

Mention past/future fix in logger's timeline view in news.rst

refs #1779

- news.rst (RSB 0.11): mention that timeline view now handles events
  with past/future timestamps

Revision 5c66acf6 - 02/21/2014 05:44 PM - J. Moringen

Timeline shows one second of future time in formatting/timeline.lisp

refs #1779

With the previous upper bound of "now", events could be dropped when the
timing was slightly off.

- formatting/timeline.lisp (timeline): added default initarg upper-bound
  to set upper bound one second into the future
- formatting/event-style-timeline.lisp (basic-timeline-style): likewise;
  is needed to be passed to sub-styles

History

#1 - 02/18/2014 07:15 PM - J. Moringen

- File logger.png added

#2 - 02/20/2014 02:40 PM - J. Moringen

- Status changed from In Progress to Resolved

- % Done changed from 0 to 100

Applied in changeset rsb-tools-cl|commit:4f2aa8bc4c6bfafe6375ad867d8b6e770dc07f4c.

Files

logger.png	22 KB	02/18/2014	J. Moringen