

## Robotics Service Bus - Tasks #343

### Create Intelligent Logger

06/05/2011 12:48 PM - J. Moringen

<b>Status:</b>	Resolved	<b>Start date:</b>	05/26/2011
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	J. Moringen	<b>% Done:</b>	100%
<b>Category:</b>	Common Lisp	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	0.3		

#### Description

Print event components

- Meta-data
  - Sender
  - Timestamps (including user-supplied ones)
  - UserInfo items
- Payload
  - If not decodable, only content length (or hexdump?)
  - If string, print it (may require truncation)
  - If protocol buffer, display field values

#### Associated revisions

##### Revision 82a401ea - 06/08/2011 10:52 PM - J. Moringen

Added CMake build files CMakeLists.txt, sbcl.cmake.in

refs #343

- CMakeLists.txt: new file; CMake build script for utilities
- sbcl.cmake.in: new file; helper script for CMake build
- logger/dump.lisp: new file; dumps rsb-logger system into an executable

##### Revision a280dd51 - 06/13/2011 08:38 PM - J. Moringen

Added cl-rsb-common in common/ directory

refs #343

- common/options.lisp: new file; common commandline option processing functions
- common/help.lisp: new file; common help text generation functions
- common/debugger.lisp: new file; a function for disabling the debugger
- common/package.lisp: new file; package definition for rsb.common
- cl-rsb-common.asd: new file; system definition of cl-rsb-common

##### Revision f9664a49 - 06/13/2011 08:38 PM - J. Moringen

Renamed system rsb-logger -> cl-rsb-tools-logger

refs #343

- cl-rsb-tools-logger.asd: renamed rsb-logger.asd -> cl-rsb-tools-logger.asd  
(package cl-rsb-tools-logger-system): renamed rsb-logger-system -> cl-rsb-tools-logger-system  
(system cl-rsb-tools-logger): renamed rsb-logger -> cl-rsb-tools-logger; added dependency on cl-rsb-common

### Revision e54f3374 - 06/13/2011 08:38 PM - J. Moringen

Cleanup and simplifications in logger/{main,package}.lisp

refs #343

- logger/main.lisp (toplevel): changed containing package rsb-logger
  - > rsb.tools.logger
  - (make-help-string): new function; build help string for commandline interface using `print-uri-help-string`
  - (update-synopsis): use `make-help-string` and `make-common-options`;
  - changed --detail-level -> --style; added documentation string
  - (make-filter-tree): renamed construct-filter -> make-filter-tree;
  - added documentation string
  - (main): use `process-command-line-options`; cleanup; added documentation string
- logger/package.lisp (package rsb.tools.logger): renamed rsb-logger
  - > rsb.tools.logger; added used package rsb.common; added exported symbol main
- logger/dump.lisp: adjusted system names; do not disable the debugger

### Revision bc5ead0e - 06/13/2011 08:48 PM - J. Moringen

Improved formatting code in formatting/\*.lisp

fixes #343

- formatting/util.lisp (with-indent): fixed
  - (with-indented-section): fixed; added documentation string
  - (format-aligned-items): simplified; added documentation string
  - (format-maybe): removed; unused
  - (**tracker**): new special variable; used by `format-recursively`
  - (format-recursively): handle recursive structures correctly
  - (format-instance): fixed; added documentation string
- formatting/protocol.lisp (format-event): added keyword parameters max-lines and max-columns; extended documentation string
  - (format-payload): likewise
- formatting/payload.lisp (header): added one-line summary
  - (format-payload :around t t t): new method; supply default values for max-lines and max-columns
  - (format-payload t t t): new method; format event using the pretty printer
  - (format-payload vector t t): rewrote hexdump code to adhere to line and column limits
  - (format-payload string t t): similar for strings
  - (format-payload standard-object t t): added documentation string
- formatting/event.lisp (header): added one-line summary
  - (format-event :around event t t): new method; supply defaults for max-lines and max-columns
  - (format-event event eql :discard t): new method; discard the event
  - (format-event event eql :compact t): changed specializer eql :line -> eql :compact; changed output format
  - (format-event event eql :detailed t): include more details
  - (format-event :after event eql :detailed t): new method; draw a horizontal rule below detailed events

## History

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### #1 - 06/07/2011 11:37 PM - J. Moringen

- % Done changed from 30 to 80

### #2 - 06/13/2011 08:48 PM - J. Moringen

- Status changed from New to Resolved

- % Done changed from 80 to 100

Applied in changeset r1540.