

## RSBag - Feature #2687

### Support filters for replay

01/25/2017 03:49 PM - J. Wienke

<b>Status:</b>	Resolved	<b>Start date:</b>	01/25/2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	J. Moringen	<b>% Done:</b>	100%
<b>Category:</b>	Commandline Tools	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	rsb-0.16		
<b>Description</b>			
I would like to be able to play only events with a method "REQUEST" ignoring pre-recorded replies.			

#### Associated revisions

##### Revision 5a734247 - 02/07/2017 05:04 PM - J. Moringen

bag->events and replay connections support event filters in src/rsb/\*.lisp

refs #2687

- src/rsb/protocol.lisp (header): updated copyright  
(bag->events): added filters keyword parameter; extended documentation string accordingly
- src/rsb/replay/strategy-mixins.lisp (filtering-mixin): new class;  
select events for replay  
(shared-initialize :after filtering-mixin t): new method; construct and install suitable filter for supplied filter list  
(process-event replay-bag-connection filtering-mixin t t t): new method; call next method conditional on filter
- src/rsb/replay/as-fast-as-possible.lisp (header): updated copyright  
(as-fast-as-possible): added superclass `filtering-mixin'
- src/rsb/replay/fixe-rate.lisp (header): updated copyright  
(fixe-rate): added superclass `filtering-mixin'
- src/rsb/replay/interactive.lisp (header): updated copyright  
(interactive): added superclass `filtering-mixin'
- src/rsb/replay/recorded-timing.lisp (header): updated copyright  
added superclass `filtering-mixin'
- src/rsb/replay/remote-controlled.lisp (header): updated copyright  
(remote-controlled): added superclass `filtering-mixin'
- src/rsb/replay/package.lisp (header): updated copyright  
(package rsbag.rsb.replay): added exported symbols strategy-filter and filtering-mixin
- test/rsb/strategy-mixins.lisp (header): updated copyright  
(test suite filtering-mixin-root): new test suite; for `filtering-mixin' class  
(define-replay-strategy-construction-test filtering-mixin): new test case; test construction of `filtering-mixin' instances

##### Revision d7e223ef - 02/07/2017 05:16 PM - J. Moringen

Added class filter-mixin in src/commands/mixins.lisp

refs #2687

- src/commands/mixins.lisp (header): updated copyright  
(filter-mixin): new class; stores a list of filters used by a command
- src/commands/logger.lisp (header): updated copyright  
(logger): added superclass `filter-mixin`  
(logger::filters): removed slot  
(command-execute logger): adapted reader call {logger -> command}-filters
- src/commands/package.lisp (header): updated copyright  
(package rsb.tools.commands): added exported symbols filter-mixin and command-filters

#### Revision 8273f7df - 02/07/2017 05:16 PM - J. Moringen

Moved make-filter-help-string into src/common/help.lisp

refs #2687

- src/common/help.lisp (header): updated copyright  
(make-filter-help-string): new function; moved here from logger/help.lisp
- src/common/package.lisp (header): updated copyright  
(package rsb.tools.common): added exported symbol make-filter-help-string
- logger/help.lisp (header): updated copyright  
(make-filter-help-string): removed; moved to src/common/help.lisp

#### Revision 56cd6b0f - 02/07/2017 06:08 PM - J. Moringen

Support filters in src/commands/{cat,play}.lisp,bag-{cat,play}/main.lisp

fixes #2687

- src/commands/cat.lisp (header): updated copyright  
(cat): added superclass `filter-mixin`  
(command-execute cat): pass list of filters to `bag->events`
- src/commands/play.lisp (header): updated copyright  
(play): added superclass `filter-mixin`  
(command-execute play): pass list of filters to `bag->events`
- src/commands/record.lisp (header): updated copyright  
(record): added superclass `filter-mixin`  
(command-execute record): adapted accessor call {record -> command}-filters
- src/common/options.lisp (header): updated copyright  
(make-replay-options): added filter commandline option
- bag-cat/main.lisp (header): updated copyright  
(main): collect values of filter commandline option; pass filters to `make-command` call
- bag-play/main.lisp (header): updated copyright

- (main): collect values of filter commandline option; pass filters to `make-command' call
- test/commands/cat.lisp (header): updated copyright  
(test cat-root::construction): added case for :filters initarg
- test/commands/play.lisp (header): updated copyright  
(test play-root::construction): added case for :filters initarg

#### **Revision e9f43291 - 02/07/2017 06:23 PM - J. Moringen**

Added filter commandline option in common.rst

refs #2687

- common.rst (Replay-related Options): added filter commandline option
- news.rst (RSBag 0.16): mention added filter commandline option

#### **History**

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##### **#1 - 01/25/2017 03:49 PM - J. Wienke**

- *Subject changed from Support filter for replay to Support filters for replay*

##### **#2 - 02/07/2017 03:53 PM - J. Moringen**

- *Status changed from New to In Progress*
- *% Done changed from 0 to 70*

##### **#3 - 02/07/2017 06:20 PM - J. Moringen**

- *Status changed from In Progress to Resolved*
- *% Done changed from 70 to 100*

Applied in changeset commit:rsbag-tools-cl|56cd6b0f28066e54bd3e02dc46dc9b8f3ea124ac.