

RSBag - Bug #1088

bag-record sometimes produces broken files

07/19/2012 01:13 PM - J. Wienke

Status:	Rejected	Start date:	07/19/2012
Priority:	Urgent	Due date:	
Assignee:	J. Moringen	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	rsb-0.7		

Description

I just tried again to record flexirob data and this time another file recorded using a trunk version of bag-record is severely broken. The file will be attached to the bug.

```
flexirob@graphit:~/Desktop/rsbag$ ./bag-record --version
WARNING:
Failed to load Spread library: Unable to load any of the alternatives:
("libsread-without-signal-blocking.so" "libsread.so" "libsread.so.2"
"libsread.so.2.0" "libsread.so.1").
Did you set LD_LIBRARY_PATH?
Spread transport will now be disabled.
./bag-record version 0.7.0
SBCL version 1.0.57
RSB version 0.7.0
RSBAG version 0.7.0
RSBAG-TIDELOG version 0.7.0
```

The file date of bag-wth-rst is 2012-07-16 14:25, so I suspect I downloaded it at that time. Running on 32 bit, precise.

bag-record processes are terminated via a single call from kill (without -9). For all bag-record processes I can see this message when closing:

```
attempt to THROW to a tag that does not exist: ITERATE:TERMINATE.
```

This is reported for all bag-record processes but only some files are really broken.

Related issues:

Related to RSBag - Feature # 1090: bag-* tools should be more robust against ...

Resolved

07/19/2012

History

#1 - 07/19/2012 01:15 PM - J. Wienke

- File flexirob.tide added

```
flexirob@graphit:~/Desktop/johannes/1342695521$ ~/Desktop/rsbag/bag-info flexirob.tide
WARNING:
Failed to load Spread library: Unable to load any of the alternatives:
("libsread-without-signal-blocking.so" "libsread.so" "libsread.so.2"
"libsread.so.2.0" "libsread.so.1").
Did you set LD_LIBRARY_PATH?
Spread transport will now be disabled.
```

Failed to open bag in source #<FD-STREAM for "file /home/flexirob/Desktop/johannes/1342695521/flexirob.tide" {100C41A1}>.

Caused by:

> Invalid file structure encountered in #<FD-STREAM for "file /home/flexirob/Desktop/johannes/1342695521/flexirob.tide" {100C41A1}>:

> Failed to scan for block BLOCK at position 20,502: Could only read 1,175 bytes when trying to read a sequence of 1,504 bytes at stream position 20,502.

#2 - 07/19/2012 01:15 PM - J. Wienke

I still have that version of bag available for testing.

#3 - 07/19/2012 02:06 PM - J. Wienke

- *Status changed from New to Rejected*

This is basically a strange user error as my script produces several signals in rapid succession. However, shielding against such a case would be nice.

Files

flexirob.tide	20 KB	07/19/2012	J. Wienke
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