

## Ruby trunk - Bug #372

### Rinda has a race condition

07/30/2008 03:18 PM - Anonymous

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> seki (Masatoshi Seki)	
<b>Target version:</b> 2.0.0	
<b>ruby -v:</b> -	<b>Backport:</b>

#### Description

```
=begin
XXXXXXXXXX
```

```
1.8XXXXtuplespace.rbXXXXXXXXXXXXXXXXXXXX
1.8XXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

```
XXXXXXXXXXXX1.8XXXXtuplespace.rb1.9
ciXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
#XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

On 2008/07/24, at 22:22, Yusuke ENDOH wrote:

```
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX Rinda XXXX
XXXXXXXXXXXX
```

### Index: lib/rinda/tuplespace.rb

```
--- lib/rinda/tuplespace.rb (revision 18194)
+++ lib/rinda/tuplespace.rb (working copy)
@@ -570,6 +570,7 @@
keep_clean
sleep(@period)
end
```

- sleep 3 end end

```
XXXX deadlock detected XXXXXXXX1.8 XXXX
XXXXXX
```

```
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

Index: lib/rinda/tuplespace.rb

```
=====
--- lib/rinda/tuplespace.rb (revision 18222)
+++ lib/rinda/tuplespace.rb (working copy)
@@ -622,6 +622,7 @@
break unless need_keeper?
keep_clean
end
+sleep(3)
end
end
end
```

```
$ ./ruby -rrinda/tuplespace -e '
ts = Rinda::TupleSpace.new(1)
ts.take([:foo, :bar], 1) rescue nil
sleep 2
ts.take([:foo, :bar], 1)
```

```
'
/usr/local/lib/ruby/1.8/rinda/tuplespace.rb:503:in move':
Rinda::RequestExpiredError (Rinda::RequestExpiredError)
from /usr/local/lib/ruby/1.8/monitor.rb:242:insynchronize'
from /usr/local/lib/ruby/1.8/rinda/tuplespace.rb:488:in move'
from /usr/local/lib/ruby/1.8/rinda/tuplespace.rb:479:intake'
from -e:5
=end
```

**Related issues:**

Related to Ruby trunk - Bug #377: Rinda has a race condition	<b>Rejected</b>	
Related to Ruby trunk - Bug #4160: test_core_03_notify(Rinda::TupleSpaceProxy...	<b>Closed</b>	<b>12/15/2010</b>
Is duplicate of Ruby trunk - Bug #376: Rinda has a race condition	<b>Rejected</b>	

**Associated revisions****Revision e2b80011 - 07/28/2011 03:25 AM - seki (Masatoshi Seki)**

the code that depends on timing. [Bug #372] [Bug #4160]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@32717 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

**Revision 32717 - 07/28/2011 03:25 AM - seki (Masatoshi Seki)**

the code that depends on timing. [Bug #372] [Bug #4160]

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the code that depends on timing. [Bug #372] [Bug #4160]

**Revision 31953152 - 09/05/2011 08:39 PM - seki (Masatoshi Seki)**

- test/rinda/test\_rinda.rb (test\_core\_03\_notify): Fixed test failures [ruby-dev:44430] [Ruby 1.9 - Bug #372]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@33196 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

**Revision 33196 - 09/05/2011 08:39 PM - seki (Masatoshi Seki)**

- test/rinda/test\_rinda.rb (test\_core\_03\_notify): Fixed test failures [ruby-dev:44430] [Ruby 1.9 - Bug #372]

**Revision 33196 - 09/05/2011 08:39 PM - seki (Masatoshi Seki)**

- test/rinda/test\_rinda.rb (test\_core\_03\_notify): Fixed test failures [ruby-dev:44430] [Ruby 1.9 - Bug #372]

**Revision 33196 - 09/05/2011 08:39 PM - seki (Masatoshi Seki)**

- test/rinda/test\_rinda.rb (test\_core\_03\_notify): Fixed test failures [ruby-dev:44430] [Ruby 1.9 - Bug #372]

**Revision 33196 - 09/05/2011 08:39 PM - seki (Masatoshi Seki)**

- test/rinda/test\_rinda.rb (test\_core\_03\_notify): Fixed test failures [ruby-dev:44430] [Ruby 1.9 - Bug #372]

Revision 33196 - 09/05/2011 08:39 PM - seki (Masatoshi Seki)

- test/rinda/test\_rinda.rb (test\_core\_03\_notify): Fixed test failures [ruby-dev:44430] [Ruby 1.9 - Bug #372]

Revision 33196 - 09/05/2011 08:39 PM - seki (Masatoshi Seki)

- test/rinda/test\_rinda.rb (test\_core\_03\_notify): Fixed test failures [ruby-dev:44430] [Ruby 1.9 - Bug #372]

Revision 44d3cf03 - 02/14/2012 08:04 PM - naruse (Yui NARUSE)

merge revision(s) 32705,32717: [Backport #6016]

- \* test/rinda/test\_rinda.rb (test\_remote\_array\_and\_hash): add local variables to protect objects from GC. [ruby-dev:44253] [Bug #5104]
- \* test/rinda/test\_rinda.rb: decrease the code that depends on timing. [Bug #372] [Bug #4160]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_1\_9\_3@34602 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 7caf2598 - 04/27/2012 02:10 AM - naruse (Yui NARUSE)

merge revision(s) 33196:

- \* test/rinda/test\_rinda.rb (test\_core\_03\_notify): Fixed test failures [ruby-dev:44430] [Ruby 1.9 - Bug #372]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_1\_9\_3@35484 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

---

#1 - 07/30/2008 03:21 PM - mame (Yusuke Endoh)

=begin  
□□□□□

2008/07/26 4:15 Masatoshi SEKI :

1.8□□tuplespace.rb□□□□□□□□□□□□□□  
1.8□□□□□□□□□□□□□□□□□□□□□□□□

□□□□□□1.8.5 □□□□□□□□□□ 1.8 □□□□□□□□□□

□□□□□□□□1.8□tuplespace.rb□1.9□ci□□□□□□□□□□□□□□  
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#□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□□□□□□  
make test-all TESTS=rinda □□ 0FOE □□□□□□make test-all □□  
2 □ Failure □□□□□□□□

1) Failure:  
test\_core\_03\_notify(Rinda::TupleSpaceProxyTest)  
[/home/mame/work/ruby19/ruby/test/rinda/test\_rinda.rb:397]:  
<[0, 3]> expected but was  
<[1, 2]>.

2) Failure:  
test\_has\_expires\_eh(TestTupleBag)  
[/home/mame/work/ruby19/ruby/test/rinda/test\_tuplebag.rb:137]:  
expected but was  
.

□□□□□□ start\_keeper □□ keeper □□□□□□□□□□□□□□  
□□□□□□□□□□□□□□□□□□□□□□□□□□

\$. /ruby -e '  
at\_exit { sleep 5; p Thread.list }  
require "test/rinda/test\_rinda.rb"  
,

Loaded suite -e

Started

Finished in 1.050015839 seconds.

25 tests, 292 assertions, 0 failures, 0 errors

[#, #,  
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--  
Yusuke ENDOH [mame@tsg.ne.jp](mailto:mame@tsg.ne.jp)

=end

**#2 - 07/30/2008 03:38 PM - mame (Yusuke Endoh)**

=begin

#####

2008/07/26 4:15 Masatoshi SEKI :

1.8#####  
1.8#####

#####1.8.5 ##### 1.8 #####

#####1.8#####1.9#####  
#####  
#####

#####  
make test-all TESTS=rinda 0F0E #####make test-all  
2 Failure #####

1) Failure:  
test\_core\_03\_notify(Rinda::TupleSpaceProxyTest)  
[/home/mame/work/ruby19/ruby/test/rinda/test\_rinda.rb:397]:  
<[0, 3]> expected but was  
<[1, 2]>.

2) Failure:  
test\_has\_expires\_eh(TestTupleBag)  
[/home/mame/work/ruby19/ruby/test/rinda/test\_tuplebag.rb:137]:  
expected but was  
.

##### start\_keeper keeper #####  
#####

\$. /ruby -e '  
at\_exit { sleep 5; p Thread.list }  
require "test/rinda/test\_rinda.rb"  
,

Loaded suite -e

Started

Finished in 1.050015839 seconds.

25 tests, 292 assertions, 0 failures, 0 errors

[#, #,  
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```
#, #,  
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```

```
--  
Yusuke ENDOH mame@tsg.ne.jp
```

```
=end
```

### #3 - 08/04/2008 08:47 PM - mame (Yusuke Endoh)

```
=begin
```

```
#####
```

2008/07/26 4:15 Masatoshi SEKI :

```
1.8.0 tupleSpace.rb #####  
1.8.0 #####
```

```
#####1.8.5 ##### 1.8 #####
```

```
#####1.8 tupleSpace.rb 1.9 ci #####  
#####  
#####
```

```
#####
```

```
make test-all TESTS=rinda 0F0E #####make test-all  
2 Failure #####
```

1) Failure:

```
test_core_03_notify(Rinda::TupleSpaceProxyTest)  
[/home/mame/work/ruby19/ruby/test/rinda/test_rinda.rb:397]:  
<[0, 3]> expected but was  
<[1, 2]>.
```

2) Failure:

```
test_has_expires_eh(TestTupleBag)  
[/home/mame/work/ruby19/ruby/test/rinda/test_tuplebag.rb:137]:  
expected but was  
.
```

```
##### start_keeper keeper #####  
#####
```

```
$. /ruby -e '  
at_exit { sleep 5; p Thread.list }  
require "test/rinda/test_rinda.rb"  
,
```

Loaded suite -e

Started

```
.....  
Finished in 1.050015839 seconds.
```

25 tests, 292 assertions, 0 failures, 0 errors

```
[#, #,  
#, #,  
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#, #,  
#, #,  
#, #,  
#, #,  
#, #,  
#, #,  
#, #]
```

```
--  
Yusuke ENDOH mame@tsg.ne.jp
```

=end

**#4 - 08/12/2008 03:34 PM - ko1 (Koichi Sasada)**

- Status changed from Open to Rejected

=begin

=end

**#5 - 07/26/2011 11:57 AM - metanest (Makoto Kishimoto)**

1) Failure:  
test\_core\_03\_notify(Rinda::TupleSpaceProxyTest)  
[/home/mame/work/ruby19/ruby/test/rinda/test\_rinda.rb:397]:  
<[0, 3]> expected but was  
<[1, 2]>.

trunk

1) Failure:  
test\_core\_03\_notify(Rinda::TupleSpaceTest) [/export/home/ksmakoto/ruby-working/ruby194/ruby-git/test/rinda/test\_rinda.rb:398]:  
<[0, 3]> expected but was  
<[1, 2]>.

FreeBSD 8.2-STABLE

**#6 - 07/27/2011 12:16 PM - kosaki (Motohiro KOSAKI)**

- Category set to ext
- Status changed from Rejected to Assigned
- Assignee set to seki (Masatoshi Seki)
- Target version set to 2.0.0
- ruby -v set to -

redmine  
reopen

**#7 - 07/28/2011 12:25 PM - seki (Masatoshi Seki)**

- Status changed from Assigned to Closed
- % Done changed from 0 to 100

This issue was solved with changeset [r32717](#).  
, thank you for reporting this issue.  
Your contribution to Ruby is greatly appreciated.  
May Ruby be with you.

the code that depends on timing. [Bug [#372](#)] [Bug [#4160](#)]

**#8 - 08/27/2011 01:53 PM - metanest (Makoto Kishimoto)**

Rinda::TupleSpaceProxyTest#test\_core\_03\_notify fail

1) Failure:  
test\_core\_03\_notify(Rinda::TupleSpaceProxyTest) [/export/home/ksmakoto/ruby-working/ruby194/ruby-git/test/rinda/test\_rinda.rb:372]:  
<["delete", {"message"=>"second", "name"=>"1"}]> expected but was  
<["close"]>.

trunk  
make test-all TESTS='-vn test\_core\_03\_notify rinda/test\_rinda.rb'  
fail

Rinda::TupleSpaceProxyTest#test\_core\_03\_notify 8  
Rinda::TupleSpaceTest#test\_core\_03\_notify 11  
kill

**#9 - 08/27/2011 02:59 PM - Anonymous**

On 2011/08/27, at 13:41, KISHIMOTO, Makoto wrote:

Rinda::TupleSpaceProxyTest#test\_core\_03\_notify fail

1) Failure:  
test\_core\_03\_notify(Rinda::TupleSpaceProxyTest) [/export/home/ksmakoto/ruby-working/ruby194/ruby-git/test/rinda/test\_rinda.rb:372]:  
<["delete", {"message"

**#10 - 08/27/2011 03:23 PM - Anonymous**

(2011/08/27 14:58), Masatoshi SEKI wrote:

On 2011/08/27, at 13:41, KISHIMOTO, Makoto wrote:

Rinda::TupleSpaceProxyTest#test\_core\_03\_notify fail

1) Failure:  
test\_core\_03\_notify(Rinda::TupleSpaceProxyTest) [/export/home/ksmakoto/ruby-working/ruby194/ruby-git/test/rinda/test\_rinda.rb:372]:  
<["delete", {"message"=>"second", "name"=>"1"}]> expected but was  
<["close"]>.

trunk r33066  
make test-all TESTS='-vn test\_core\_03\_notify rinda/test\_rinda.rb'  
10 fail 1384  
Rinda::TupleSpaceProxyTest#test\_core\_03\_notify 8  
Rinda::TupleSpaceTest#test\_core\_03\_notify 11  
kill

...  
?

**#11 - 08/27/2011 03:53 PM - Anonymous**

On 2011/08/27, at 15:16, KOSAKI Motohiro wrote:

(2011/08/27 14:58), Masatoshi SEKI wrote:

On 2011/08/27, at 13:41, KISHIMOTO, Makoto wrote:

Rinda::TupleSpaceProxyTest#test\_core\_03\_notify fail

1) Failure:

```
test_core_03_notify(Rinda::TupleSpaceProxyTest) [/export/home/ksmakoto/ruby-working/ruby194/ruby-git/test/rinda/test_rinda.rb:372]:  
<["delete", {"message"
```