

Ruby - Bug #4223

GC.stress = true ArgumentError

12/29/2010 06:33 PM - metanest (Makoto Kishimoto)

Status:	Closed	Backport:
Priority:	Normal	
Assignee:	mrkn (Kenta Murata)	
Target version:	1.9.3	
ruby -v:	-	
Description		
<pre>=begin trunk r29690</pre>		
foo.rb		
<pre>GC.stress = true t = Time.local(2000) File.utime(t + 1, t + 2, "foo.rb") ArgumentError</pre>		
<pre>\$ ruby19 -v foo.rb ruby 1.9.3dev (2010-12-29 trunk 30417) [x86_64-freebsd8.2] foo.rb:4:in utime': time out of system range (ArgumentError) from foo.rb:4:in ' =end</pre>		

Associated revisions

Revision 4b29cccf - 07/15/2011 10:16 AM - Kenta Murata

- bignum.c (bigsub_int): add RB_GC_GUARD. This patch is made by Makoto Kishimoto. fixes #4223 [ruby-dev:42907]
- bignum.c (bigadd_int): ditto.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@32551 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 2cdfa81a - 07/15/2011 11:27 AM - Kenta Murata

- bignum.c (bigsub_int): add RB_GC_GUARD. This patch is made by Makoto Kishimoto. fixes #4223 [ruby-dev:42907]
- bignum.c (bigadd_int): ditto.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@32552 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 06/26/2011 04:49 PM - naruse (Yui NARUSE)

- Status changed from Open to Feedback
- Assignee set to metanest (Makoto Kishimoto)

trunk

#2 - 06/26/2011 05:04 PM - metanest (Makoto Kishimoto)

\$ cat foo.rb

```
GC.stress = true
t = Time.local(2000)
File.utime(t + 1, t + 2, "foo.rb")

$ ruby19 -v foo.rb
ruby 1.9.3dev (2011-06-26 trunk 32231) [x86_64-freebsd8.2]
foo.rb:4:in utime': time out of system range (ArgumentError) from foo.rb:4:in '
```

#3 - 06/26/2011 05:37 PM - nahi (Hiroshi Nakamura)
- Status changed from Feedback to Assigned
- Assignee changed from metanest (Makoto Kishimoto) to naruse (Yui NARUSE)
- Target version set to 1.9.3

#4 - 06/27/2011 12:38 AM - naruse (Yui NARUSE)
- Assignee changed from naruse (Yui NARUSE) to metanest (Makoto Kishimoto)

UFSZFS

#5 - 07/07/2011 09:39 PM - metanest (Makoto Kishimoto)
- File patch-bug4223.txt added

#6 - 07/07/2011 09:49 PM - kosaki (Motohiro KOSAKI)
RB_GC_GUARD()

#7 - 07/08/2011 07:53 PM - mrkn (Kenta Murata)
- ruby -v changed from ruby 1.9.3dev (2010-12-29 trunk 30417) [x86_64-freebsd8.2] to -

On Thursday, July 7, 2011 at 9:49 PM, Motohiro KOSAKI wrote:

RB_GC_GUARD()

```
z = bignew(zn, RBIGNUM_SIGN(x));

GC x
bigadd_int RB_GC_GUARD
```

--
Kenta Murata
Sent with Sparrow (<http://www.sparrowmailapp.com>)

#8 - 07/08/2011 07:53 PM - mrkn (Kenta Murata)

On Thursday, July 7, 2011 at 9:49 PM, Motohiro KOSAKI wrote:

RB_GC_GUARD()

```
z = bignew(zn, RBIGNUM_SIGN(x));

GC x
bigadd_int RB_GC_GUARD
```

--
Kenta Murata
Sent with Sparrow (<http://www.sparrowmailapp.com>)

#9 - 07/08/2011 07:59 PM - kosaki (Motohiro KOSAKI)

2011 7 8 19:34 Kenta Murata muraken@gmail.com:

~~~~~

On Thursday, July 7, 2011 at 9:49 PM, Motohiro KOSAKI wrote:

~~~~~RB\_GC\_GUARD()~~~~~

```
z = bignew(zn, RBIGNUM_SIGN(x));

GC ~~~~~ x ~~~~~
~~~~~bigadd_int ~~~~~ RB_GC_GUARD ~~~~~
```

~~~~~ #ruby-javascript ~~~~~

22:49:17 ~~~~~  
22:50:09 ~~~~~  
22:50:41 ~~~~~  
22:51:41 ~~~~~  
22:51:47 ~~~~~  
22:52:25 ~~~~~  
22:52:41 xds~~~~~while  
22:53:15 RB\_GC\_GUARD~~~~~  
22:53:27 ~~~~~ bigsub\_int ~~~~~  
22:53:27 [\[ruby-dev:40942\]](#) matz~~~~~  
22:53:28 {unak\_away} <http://mla.n-z.jp/?ruby-dev=40942>  
22:53:48 VC~~~~~RB\_GC\_GUARD~~~~~  
22:54:16 ~~~~~  
22:54:35 ~~~~~OK~~~~~

#10 - 07/08/2011 07:59 PM - kosaki (Motohiro KOSAKI)

2011 7 8 19:34 Kenta Murata [muraken@gmail.com](mailto:muraken@gmail.com):

~~~~~

On Thursday, July 7, 2011 at 9:49 PM, Motohiro KOSAKI wrote:

~~~~~RB\_GC\_GUARD()~~~~~

```
z = bignew(zn, RBIGNUM_SIGN(x));

GC ~~~~~ x ~~~~~
~~~~~bigadd_int ~~~~~ RB_GC_GUARD ~~~~~
```

~~~~~ #ruby-javascript ~~~~~

22:49:17 ~~~~~  
22:50:09 ~~~~~  
22:50:41 ~~~~~  
22:51:41 ~~~~~  
22:51:47 ~~~~~  
22:52:25 ~~~~~  
22:52:41 xds~~~~~while  
22:53:15 RB\_GC\_GUARD~~~~~  
22:53:27 ~~~~~ bigsub\_int ~~~~~  
22:53:27 [\[ruby-dev:40942\]](#) matz~~~~~  
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22:53:48 VC~~~~~RB\_GC\_GUARD~~~~~  
22:54:16 ~~~~~  
22:54:35 ~~~~~OK~~~~~

#11 - 07/08/2011 08:14 PM - kosaki (Motohiro KOSAKI)

- Priority changed from 3 to Normal

#12 - 07/08/2011 08:23 PM - mrkn (Kenta Murata)

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On Friday, July 8, 2011 at 7:55 PM, KOSAKI Motohiro wrote:

```

0000000000000000 #ruby-jar0000000000000000
000000000000

22:49:17 0000000000000000
22:50:09 00000000000000000000000000000000
22:50:41 00000000000000
22:51:41 0000000000000000000000000000
22:51:47 000000
22:52:25 00000000000000 0000
22:52:41 xds000000000000000000000000while00
22:53:15 RB_GC_GUARD000000000000000000
22:53:27 00000000000000 bigsub_int 000000
22:53:27 [ruby-dev:40942] matz0000000000
22:53:28 {unak_away} http://mla.n-z.jp/?ruby-dev=40942
22:53:48 VC000RB_GC_GUARD00000000
22:54:16 00000000000000000000000000000000
22:54:35 0000OK000000000000

```

0000RB\_GC\_GUARD 00000000000000000000000000000000

0 0 0 0 **bigdecimal.c** 0 0 0 0 0 0 0 **orz**

Kenta Murata  
Sent with Sparrow (<http://www.sparrowmailapp.com>)

#13 - 07/08/2011 08:23 PM - mrkn (Kenta Murata)

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On Friday, July 8, 2011 at 7:55 PM, KOSAKI Motohiro wrote:

```

0000000000000000 #ruby-jar0000000000000000
000000000000

22:49:17 0000000000000000
22:50:09 00000000000000000000000000000000
22:50:41 00000000000000
22:51:41 0000000000000000000000000000
22:51:47 000000
22:52:25 00000000000000 0000
22:52:41 xds000000000000000000000000while00
22:53:15 RB_GC_GUARD000000000000000000
22:53:27 00000000000000 bigsub_int 000000
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22:53:48 VC000RB_GC_GUARD00000000
22:54:16 00000000000000000000000000000000
22:54:35 0000OK000000000000

```

0000RB\_GC\_GUARD 00000000000000000000000000000000

0 0 0 0 **bigdecimal.c** 0 0 0 0 0 0 0 **orz**

Kenta Murata  
Sent with Sparrow (<http://www.sparrowmailapp.com>)

#14 - 07/13/2011 09:48 AM - metanest (Makoto Kishimoto)

- File patch-bug4223.txt added

0000000000  
000000

- bigsub\_int() 000000
- RB\_GC\_GUARD 00000000000000000000000000000000  
0 2 0000  
000000000000000000000000000000000000

#15 - 07/13/2011 10:19 AM - kosaki (Motohiro KOSAKI)

- Assignee changed from metanest (Makoto Kishimoto) to mrkn (Kenta Murata)

1.9.3  $\lim_{n \rightarrow \infty} \frac{1}{n} = 0$

**#16 - 07/13/2011 11:48 AM - mrkn (Kenta Murata)**

□ □ □ □ □ □ □ □ □ □

**#17 - 07/15/2011 07:16 PM - mrkn (Kenta Murata)**

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

This issue was solved with changeset r32551.  
Makoto, thank you for reporting this issue.  
Your contribution to Ruby is greatly appreciated.  
May Ruby be with you.

- `bignum.c` (`bigsub_int`): add `RB_GC_GUARD`. This patch is made by Makoto Kishimoto. fixes [#4223](#) [\[ruby-dev:42907\]](#)
- `bignum.c` (`bigadd_int`): ditto.

**#18 - 07/17/2011 05:48 PM - metanest (Makoto Kishimoto)**

RB\_GC\_GUARD [REDACTED]

- CVALUEGC
- 
- GCruby

## Files

patch-bug4223.txt	253 Bytes	07/07/2011	metanest (Makoto Kishimoto)
patch-bug4223.txt	611 Bytes	07/13/2011	metanest (Makoto Kishimoto)