

## Ruby trunk - Bug #4223

### GC.stress = true ArgumentError

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

|  |                  |
|--|------------------|
| <b>Status:</b> Closed  |                  |
| <b>Priority:</b> Normal  |                  |
| <b>Assignee:</b> mrkn (Kenta Murata)   |                  |
| <b>Target version:</b> 1.9.3   |                  |
| <b>ruby -v:</b> -  | <b>Backport:</b> |
| <b>Description</b>   |                  |
| <pre>=begin trunk r29690 # foo.rb GC.stress = true t = Time.local(2000) File.utime(t + 1, t + 2, "foo.rb")  ArgumentError  \$ 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 - mrkn (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 32551 - 07/15/2011 10:16 AM - mrkn (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.

##### Revision 32551 - 07/15/2011 10:16 AM - mrkn (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.

##### Revision 32551 - 07/15/2011 10:16 AM - mrkn (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.

##### Revision 32551 - 07/15/2011 10:16 AM - mrkn (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.

##### Revision 32551 - 07/15/2011 10:16 AM - mrkn (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.

**Revision 32551 - 07/15/2011 10:16 AM - mrkn (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.

**Revision 2cdfa81a - 07/15/2011 11:27 AM - mrkn (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

**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

```

```
#ruby-ja

```

22:49:17  
22:50:09  
22:50:41  
22:51:41  
22:51:47  
22:52:25  
22:52:41 xds  
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

**#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)**

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

```
#ruby-ja

```

22:49:17  
22:50:09  
22:50:41  
22:51:41  
22:51:47  
22:52:25  
22:52:41 xds  
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

```
RB_GC_GUARD

```

```
bigdecimal.c orz
```

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

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

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

```
#ruby-ja

```

22:49:17

22:50:09  
22:50:41  
22:51:41  
22:51:47  
22:52:25  
22:52:41 xds  
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

RB\_GC\_GUARD

bigdecimal.c 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

- bigsub\_int()
- RB\_GC\_GUARD

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

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

1.9.3

**#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

- 
- 
- 

**Files**

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