

## Ruby trunk - Bug #10465

### Bug of multiplication between Bignums

11/01/2014 05:09 AM - Nishihama (Kohji Nishihama)

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> Nishihama (Kohji Nishihama)	
<b>Target version:</b>	
<b>ruby -v:</b> ruby 2.1.4p265 (2014-10-27 revision 48166) [i386-mingw32]	<b>Backport:</b> 2.0.0: DONTNEED, 2.1: DONE
<b>Description</b> I calculate multiplication of a certain pear of Bignums, and a wrong result is outputted.  OS:Windows Vista Home Premium bug.rb works on ruby 1.8.7 (2008-08-11 patchlevel 72) [i386-mswin32], ruby 1.9.3p484 (2013-11-22) [i386-mingw32], ruby 2.0.0p353 (2013-11-22) [i386-mingw32]. It doesn't work on ruby 2.1.3p242 (2014-09-19 revision 47630) [i386-mingw32] and ruby 2.1.4p265 (2014-10-27 revision 48166) [i386-mingw32].  \$ ruby bug.rb 5470148495 # wrong number 1943359375 # correct number #The output is too long, and I wrote the only last 10 digit.	
<b>Related issues:</b> Copied from Ruby trunk - Bug #10464: BignumXXXXXXXXXXXX <span style="float: right;">Closed 11/01/2014</span>	

#### Associated revisions

##### Revision 905b5221 - 11/01/2014 08:13 AM - akr (Akira Tanaka)

- bignum.c (bary\_mul\_balance\_with\_mulfunc): Fix free work area location. [ruby-dev:48723] [Bug #10464] [ruby-core:66044] [Bug #10465] Reported by Kohji Nishihama.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@48222 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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#### Revision a7987d8b - 11/04/2014 03:09 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) r48222: [Backport #10464] [Backport #10465]

```
* bignum.c (bary_mul_balance_with_mulfunc): Fix free work area
location.
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Reported by Kohji Nishihama.
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_2\_1@48272 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

#### Revision 48272 - 11/04/2014 03:09 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) r48222: [Backport #10464] [Backport #10465]

```
* bignum.c (bary_mul_balance_with_mulfunc): Fix free work area
location.
[ruby-dev:48723] [Bug #10464]
[ruby-core:66044] [Bug #10465]
Reported by Kohji Nishihama.
```

## History

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### #1 - 11/01/2014 05:09 AM - Nishihama (Kohji Nishihama)

- Copied from Bug #10464: `Bignum` added

### #2 - 11/01/2014 08:13 AM - akr (Akira Tanaka)

- Status changed from Open to Closed

- % Done changed from 0 to 100

Applied in changeset r48222.

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- `bignum.c (bary_mul_balance_with_mulfunc)`: Fix free work area location. [ruby-dev:48723] [Bug #10464] [ruby-core:66044] [Bug #10465]  
Reported by Kohji Nishihama.

### #3 - 11/01/2014 04:07 PM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.0.0: UNKNOWN, 2.1: UNKNOWN to 2.0.0: DONTNEED, 2.1: REQUIRED

### #4 - 11/04/2014 03:11 PM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.0.0: DONTNEED, 2.1: REQUIRED to 2.0.0: DONTNEED, 2.1: DONE

Backported into `ruby_2_1` at r48272.

## Files

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bug.rb	16.9 KB	11/01/2014	Nishihama (Kohji Nishihama)
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