

## Ruby trunk - Bug #3271

### BigMath.power

05/11/2010 11:53 AM - mrkn (Kenta Murata)

<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> ruby 1.9.3dev (2010-05-11 trunk 27729) [x86_64-darwin10.3.0]	<b>Backport:</b>
<b>Description</b> =begin Ruby Part 40 <a href="http://pc12.2ch.net/test/read.cgi/tech/1272248179/121-122">http://pc12.2ch.net/test/read.cgi/tech/1272248179/121-122</a>  <pre>power(integer).. exp Ruby.power.call =end</pre>	
<b>Related issues:</b>	
Related to Ruby trunk - Bug #3267: BigDecimal/math.atan(1.08) Closed	05/11/2010
Related to Ruby trunk - Bug #3270: BigMath.exp Closed	05/11/2010
Has duplicate Ruby trunk - Bug #3272: BigDecimal#** Closed	05/11/2010

### Associated revisions

#### Revision ebd61e5f - 07/10/2011 03:19 AM - mrkn (Kenta Murata)

- ext/bigdecimal/bigdecimal.c (BigDecimal\_power): support non-integral exponent. fixes #3271
- ext/bigdecimal/bigdecimal.c (rmpd\_power\_by\_big\_decimal): ditto.
- ext/bigdecimal/bigdecimal.c (BigDecimal\_power\_op): add a function to only use for "\*" operator.
- test/bigdecimal/test\_bigdecimal.rb: add a bunch of tests for the above changes.
- ext/bigdecimal/bigdecimal.c (is\_integer): add an utility function.
- ext/bigdecimal/bigdecimal.c (is\_negative): ditto.
- ext/bigdecimal/bigdecimal.c (is\_positive): ditto.
- ext/bigdecimal/bigdecimal.c (is\_zero): ditto.
- ext/bigdecimal/bigdecimal.c (is\_one): ditto.
- ext/bigdecimal/bigdecimal.c (is\_even): ditto.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@32485 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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## History

### #1 - 05/11/2010 11:55 AM - mrkn (Kenta Murata)

- Status changed from Open to Assigned

=begin

=end

**#2 - 06/26/2011 11:20 PM - nahi (Hiroshi Nakamura)**

- Target version changed from 2.0.0 to 1.9.3

**#3 - 07/10/2011 12:19 PM - mrkn (Kenta Murata)**

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

This issue was solved with changeset [r32485](#).

Kenta, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.

- 
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