Backport186 - Backport #2349

lib/bigdecimal: errors in comparisons [patch]

11/09/2009 03:33 PM - marcandre (Marc-Andre Lafortune)

Status:	Closed	
Priority:	Normal	
Assignee:	wyhaines (Kirk Haines)	

Description

=begin
$ ruby -r bigdecimal -e 'p BigDecimal.new("1") < nil'
nil

expected: an error like with any other mathematical type:
-e:1:in `<': comparison of BigDecimal with nil failed (ArgumentError)

_____

$ ruby -r bigdecimal -e 'p BigDecimal.new("1") == nil'
nil

expected: false like with any other Ruby object

_____

$ ruby -r bigdecimal -e 'p BigDecimal.new("NaN") < 1'
nil

expected: false, like with any other mathematical comparison

I'll commit the attached patch in a few days (for 1.8 & 1.9) unless there are arguments against it.
=end

Associated revisions

Revision 6f1649e091dfc2c58d29e524f31d0295e885da84 - 08/17/2010 06:27 PM - wyhaines (Kirk Haines)

ext/bigdecimal/bigdecimal.c: Backport #2349 [ruby-core:26646]; fix comparisons. Also fix a bunch of bugs that lead to broken-ness and failing tests.
test/bigdecimal/test_bigdecimal.rb: Backport #2349 [ruby-core:26646]; added a test suite.
test/ruby/test_exception.rb: The test suite was breaking ZeroDivisionError, which in turn would break bigdecimal/test_bigdecimal.rb. Made a simple fix that keeps that test but does so non-destructively.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_8_6@29025 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 6f1649e0 - 08/17/2010 06:27 PM - wyhaines (Kirk Haines)

ext/bigdecimal/bigdecimal.c: Backport #2349 [ruby-core:26646]; fix comparisons. Also fix a bunch of bugs that lead to broken-ness and failing tests.
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History

#1 - 11/14/2009 09:27 AM - marcandre (Marc-Andre Lafortune)

- Status changed from Open to Closed

- % Done changed from 0 to 100

=begin
This issue was solved with changeset r25765.
Marc-Andre, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

=end

#2 - 03/30/2010 09:11 PM - shyouhei (Shyouhei Urabe)

- Status changed from Closed to Assigned

- Assignee changed from marcandre (Marc-Andre Lafortune) to shyouhei (Shyouhei Urabe)

=begin

=end

#3 - 04/01/2010 02:27 PM - shyouhei (Shyouhei Urabe)

- Assignee changed from shyouhei (Shyouhei Urabe) to wyhaines (Kirk Haines)

=begin
Well, a litte inspection shows me that

- 1.9.2dev, 1.8.8dev, and 1.8.7 behave in the same way (as marcandre expected)
- 1.9.1, and 1.8.6 behave as described in the original post

So I suspect 1.9.1 and 1.8.6 are buggy here, both should backport this.
=end

#4 - 08/18/2010 03:37 AM - wyhaines (Kirk Haines)

- Status changed from Assigned to Closed

=begin
This issue was solved with changeset r29025.
Marc-Andre, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

=end

Files

bigdec.diff	2.37 KB	11/09/2009	marcandre (Marc-Andre Lafortune)