

Ruby - Bug #11947

BigDecimal#coerce: unexpected behavior with Float

01/04/2016 02:05 PM - lionel_perrin (Lionel PERRIN)

Status: Priority: Assignee: Target version: ruby -v:	Closed Normal mrkn (Kenta Murata) Backport: 2.0.0: UNKNOWN, 2.1: UNKNOWN, 2.2: UNKNOWN, 2.3: UNKNOWN
Description I've noticed that: <pre>BigDecimal('2') + 1 # => BigDecimal(3), OK 1 + BigDecimal('2') # => BigDecimal(3), OK # whereas BigDecimal('2') + 1.1 # => BigDecimal(3.1), OK 1.1 + BigDecimal('2') # => Float(3.1), WHY?</pre> I was expecting the latest to return a BigDecimal but it returns a Float. In the unit tests for bigdecimal, one can find the following test: <pre>assert_equal(2, 1 + BigDecimal.new("1"), '[ruby-core:256971]')</pre> May be this behavior is required but I haven't found any reason for this. Regards, Lionel	

History

#1 - 01/06/2016 09:26 AM - mrkn (Kenta Murata)

- Status changed from Open to Assigned
- Assignee set to mrkn (Kenta Murata)

#2 - 12/10/2016 06:36 AM - mrkn (Kenta Murata)

- Status changed from Assigned to Closed

This fixed on the current master branch of [ruby/bigdecimal](#) repository.
So I close this issue.