

Ruby master - Bug #9246

NoMemoryError is occurred by simple addition of BigDecimal

12/13/2013 02:31 AM - mrkn (Kenta Murata)

Status: Assigned	
Priority: Normal	
Assignee: mrkn (Kenta Murata)	
Target version:	
ruby -v: ruby 2.1.0dev (2013-12-13 trunk 44155) [x86_64-darwin12.0]	Backport: 1.9.3: UNKNOWN, 2.0.0: UNKNOWN

Description

I think the following case should raise Overflow exception.

```
$ ruby -rbigdecimal -ve 'p BigDecimal("1E1024819115206086200") + BigDecimal(2)'  
ruby 2.1.0dev (2013-12-13 trunk 44155) [x86_64-darwin12.0]  
ruby(35690,0x7fff7a1fc180) malloc: *** mmap(size=506083513682018304) failed (error code=12)  
*** error: can't allocate region  
*** set a breakpoint in malloc_error_break to debug  
ruby(35690,0x7fff7a1fc180) malloc: *** mmap(size=506083513682018304) failed (error code=12)  
*** error: can't allocate region  
*** set a breakpoint in malloc_error_break to debug  
-e:1:in '+': failed to allocate memory (NoMemoryError)  
from -e:1:in'
```

History

#1 - 12/25/2017 06:15 PM - naruse (Yui NARUSE)

- Target version deleted (2.6)