

Ruby - Bug #1164

1.9/windows memroy leak with rand() AND inspect

02/16/2009 09:17 PM - raubarede (regis d'aubarede)

Status:	Closed	Backport:
Priority:	Normal	
Assignee:	usa (Usaku NAKAMURA)	
Target version:	1.9.1	
ruby -v:	ruby 1.9.1p0 (2009-01-30 revision 21907) [i386-mswin32]	

Description
=begin

Here is my codes. memory jump far away with ruby 1.9.1, stable with 1.8.6 seems that a issue arrive when inspect() AND rand() are call in the same function (?!)

```
$MAXC=500
def test1 ss=[] ; 0.upto($MAXC) {|j| ss << j }; ss.inspect ; end
def test2 ss=[] ; 0.upto($MAXC) {|j| ss << jrand() }; end
def test3 ss=[] ; 0.upto($MAXC) {|j| ss << rand() }; ss.inspect ; end # bug
def test4 ss=[] ; 0.upto($MAXC) {|j| ss << rand() }; end
def test5 ss=[] ; 0.upto(1000*$MAXC) {|j| rand() } end
def test6 ss=[] ; 0.upto(1000*$MAXC) {|j| rand().inspect } end # bug
def test7 ss=[] ; 0.upto(1000*$MAXC) {|j| j.inspect } end

puts RUBY_VERSION
notest=7
notest==1 && 0.upto(100010001000) { test1 } # ok
notest==2 && 0.upto(100010001000) { test2 } # ok
notest==3 && 0.upto(100010001000) { test3 } # >>>> bug 1.9.1
notest==4 && 0.upto(100010001000) { test4 } # ok
notest==5 && 0.upto(100010001000) { test5 } # ok
notest==6 && 0.upto(100010001000) { test6 } # >>>> bug 1.9.1
notest==7 && 0.upto(100010001000) { test7 } # ok
=end
```

History

#1 - 02/17/2009 08:59 AM - nobu (Nobuyoshi Nakada)

=begin
Hi,

At Mon, 16 Feb 2009 21:17:55 +0900,
regis d'aubarede wrote in [\[ruby-core:22184\]](#):

Here is my codes. memory jump far away with ruby 1.9.1, stable with 1.8.6 seems that a issue arrive when inspect() AND rand() are call in the same function (?!)

I tried it with 1.9.1dev but memory usage displayed by
ProcessManager was stable. How did you observe it?

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Nobu Nakada

=end

#2 - 02/19/2009 11:33 AM - usa (Usaku NAKAMURA)

- Assignee set to usa (Usaku NAKAMURA)

=begin
can reproduce in this code:
loop{0.0.inspect}

this problem seems to occur only when ruby is compiled with VC6.
so, it maybe compilers problem.
=end

#3 - 02/20/2009 11:37 PM - usa (Usaku NAKAMURA)

- Status changed from Open to Closed

- % Done changed from 0 to 100

=begin
Applied in changeset r22471.
=end

Files

ml.rb	920 Bytes	02/16/2009	raubarede (regis d'aubarede)
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