Backport187 - Bug #3105

seg faults and bus errors with ruby 1.8.7 p249

04/07/2010 05:16 PM - rtmd30 (Greg Ferguson)

Status:	Closed
Priority:	Normal
Assignee:	
Target version:	
ruby -v:	ruby 1.8.7 (2010-01-10 patchlevel 249) [i686-darwin9.8.0]

Description

=begin
I am seeing a lot of segmentation faults and bus errors when running

```
gem rdoc --all --overwrite
```

with my rvm installed ruby 1.8.7 p249 instance.

Ruby is reporting these errors repeatedly:

/Users/greg/.rvm/gems/ruby-1.8.7-p249/gems/rdoc-2.5/lib/rdoc/ri/store.rb:121: [BUG] Segmentation fault
/Users/greg/.rvm/gems/ruby-1.8.7-p249/gems/rdoc-2.5/lib/rdoc/ri/store.rb:224: [BUG] Segmentation fault
/Users/greg/.rvm/gems/ruby-1.8.7-p249/gems/rdoc-2.5/lib/rdoc/ri/store.rb:243: [BUG] Bus Error

All three errors appear to be in Marshal.

Here's the shell script I ran to get the attached output log.

#!/bin/sh
for i in gem list | awk '{print $1}' | sort
do
gem rdoc --overwrite $i
done

Let me know if there is anything else you need to know.
=end

History

#1 - 05/03/2010 02:10 AM - jasim (Jasim A Basheer)

=begin
Same issue in same environment. However reinstalling after a failed attempt causes the Seg Fault to go away.

C:~/Projects/r3> gem install haml
Successfully installed haml-2.2.24
1 gem installed
Installing ri documentation for haml-2.2.24...
/Users/jasim/.rvm/gems/ruby-1.8.7-p249/gems/rdoc-2.5.8/lib/rdoc/ri/store.rb:243: [BUG] Segmentation fault
ruby 1.8.7 (2010-01-10 patchlevel 249) [i686-darwin9.8.0]

Abort trap

C:~/Projects/r3> gem install haml
Successfully installed haml-2.2.24
1 gem installed
Installing ri documentation for haml-2.2.24...
Installing RDoc documentation for haml-2.2.24...

The environment is a vanilla ruby-1.8.7-p249 installed using RVM.
=end

#2 - 06/17/2010 06:25 AM - swindsor (Scott Windsor)

=begin
I've also been getting a large number of seg faults after upgrading to 1.8.7 patchlevel 249. This is the new default for Ubuntu 10.04 and after I

upgraded I've gotten repeated issues.

/usr/lib/ruby/gems/1.8/gems/activesupport-2.3.5/lib/active_support/dependencies.rb:313: [BUG] Segmentation fault
ruby 1.8.7 (2010-01-10 patchlevel 249) [x86_64-linux]

I've also tried clearing out and re-install all of my gems, but that didn't help at all. It seems to be crashing regularly in different areas of active support. (Perhaps related to Marshall?). What further information can I provide to help this out?

=end

#3 - 06/18/2010 01:15 AM - tenderlovemaking (Aaron Patterson)

=begin
On Thu, Jun 17, 2010 at 06:28:22AM +0900, Scott Windsor wrote:

> Issue [#3105](#) has been updated by Scott Windsor.
>
> I've also been getting a large number of seg faults after upgrading to 1.8.7 patchlevel 249. This is the new default for Ubuntu 10.04 and after I upgraded I've gotten repeated issues.
>
> /usr/lib/ruby/gems/1.8/gems/activesupport-2.3.5/lib/active_support/dependencies.rb:313: [BUG] Segmentation fault
> ruby 1.8.7 (2010-01-10 patchlevel 249) [x86_64-linux]
>
> I've also tried clearing out and re-install all of my gems, but that didn't help at all. It seems to be crashing regularly in different areas of active support. (Perhaps related to Marshall?). What further information can I provide to help this out?

Hi Scott!

Have you tried reducing the gems you use and isolating the problem?

Can you possibly provide code to reproduce the problem?

Are you able to reproduce the problem during your tests?

If you can reproduce the problem while testing, can you try running them
from gdb and providing a stack trace?

--
Aaron Patterson
http://tenderlovemaking.com/

Attachment: (unnamed)
=end

#4 - 07/29/2010 06:19 AM - swindsor (Scott Windsor)

=begin
I haven't been able to isolate this yet. I tried removing and re-installing all of my gems. Unfortunately, this is on a pretty big web application and is crashing randomly between requests. It's very likely an issue exposed with rails, or one of the gems I'm using, but it's a pretty long list so it's hard to tell right now.

I can get a core dump and load it into gdb, but it's not very helpful without debug symbols. Do you know how to install them?
=end

#5 - 07/29/2010 12:22 PM - tenderlovemaking (Aaron Patterson)

=begin
On Thu, Jul 29, 2010 at 06:19:52AM +0900, Scott Windsor wrote:

> Issue [#3105](#) has been updated by Scott Windsor.
>
> I haven't been able to isolate this yet. I tried removing and re-installing all of my gems. Unfortunately, this is on a pretty big web application and is crashing randomly between requests. It's very likely an issue exposed with rails, or one of the gems I'm using, but it's a pretty long list so it's hard to tell right now.
>
> I can get a core dump and load it into gdb, but it's not very helpful without debug symbols. Do you know how to install them?

Unfortunately you'll have to recompile your ruby with the -g flag on
GCC.

What does the stack trace look like under gdb? Can you send us the
first 10 frames or so? Maybe they will help. If not, you'll definitely
need to recompile ruby. :-(

--
Aaron Patterson
http://tenderlovemaking.com/

Attachment: (unnamed)
=end

#6 - 08/27/2019 04:36 PM - jeremyevans0 (Jeremy Evans)

- Status changed from Open to Closed

- Description updated

Files

rebuild_ri.out	82.5 KB	04/07/2010	rtmd30 (Greg Ferguson)