

Ruby master - Bug #5529

Bus error with Fibers on OSX Lion

11/01/2011 01:24 AM - pragdave (Dave Thomas)

Status: Rejected	
Priority: Normal	
Assignee: mrkn (Kenta Murata)	
Target version: 1.9.3	
ruby -v: ruby 1.9.3p0 (2011-10-30 revision 33570) [x86_64-darwin11.2.0]	Backport:

Description

=begin

The attached program crashes with the following trace:

```
dave[ruby3/Book 11:18:39] ruby /tmp/prog.rb
```

```
cat
```

```
dog
```

```
/tmp/prog.rb:2: [BUG] Bus Error
```

```
ruby 1.9.3p0 (2011-10-30 revision 33570) [x86_64-darwin11.2.0]
```

```
-- Control frame information -----
```

```
c:0003 p:0015 s:0005 b:0005 l:002508 d:000004 BLOCK /tmp/prog.rb:2
```

```
c:0002 p:---- s:0003 b:0003 l:000002 d:000002 FINISH
```

```
c:0001 p:---- s:0001 b:-001 l:000000 d:000000 -----
```

```
-- Ruby level backtrace information -----
```

```
/tmp/prog.rb:2:in `block in '
```

```
-- C level backtrace information -----
```

See Crash Report log file under ~/Library/Logs/CrashReporter or /Library/Logs/CrashReporter, for the more detail of.

```
-- Other runtime information -----
```

- Loaded script: /tmp/prog.rb

- Loaded features:

```
0 enumerator.so
```

```
1 /Users/dave/.rvm/rubies/ruby-1.9.3-p0/lib/ruby/1.9.1/x86_64-darwin11.2.0/enc/encdb.bundle
```

```
2 /Users/dave/.rvm/rubies/ruby-1.9.3-p0/lib/ruby/1.9.1/x86_64-darwin11.2.0/enc/trans/transdb.bundle
```

```
3 /Users/dave/.rvm/rubies/ruby-1.9.3-p0/lib/ruby/site_ruby/1.9.1/rubygems/defaults.rb
```

```
4 /Users/dave/.rvm/rubies/ruby-1.9.3-p0/lib/ruby/1.9.1/x86_64-darwin11.2.0/rbconfig.rb
```

```
5 /Users/dave/.rvm/rubies/ruby-1.9.3-p0/lib/ruby/site_ruby/1.9.1/rubygems/deprecate.rb
```

```
6 /Users/dave/.rvm/rubies/ruby-1.9.3-p0/lib/ruby/site_ruby/1.9.1/rubygems/exceptions.rb
```

```
7 /Users/dave/.rvm/rubies/ruby-1.9.3-p0/lib/ruby/site_ruby/1.9.1/rubygems/custom_require.rb
```

```
8 /Users/dave/.rvm/rubies/ruby-1.9.3-p0/lib/ruby/site_ruby/1.9.1/rubygems.rb
```

[NOTE]

You may have encountered a bug in the Ruby interpreter or extension libraries.

Bug reports are welcome.

For details: <http://www.ruby-lang.org/bugreport.html>

=end

History

#1 - 11/01/2011 01:31 AM - pragdave (Dave Thomas)

- Target version set to 1.9.3

#2 - 11/01/2011 09:29 AM - mrkn (Kenta Murata)

=begin
Hi Dave,
I cannot reproduce the bus error.

```
[09:25:17#3]mrkn$ ruby -v ~/Downloads/prog.rb  
ruby 1.9.3p0 (2011-10-30 revision 33570) [x86_64-darwin11.2.0]  
cat  
dog  
cat  
dog
```

Please tell us your compile options and your compiler version.
=end

#3 - 11/01/2011 09:45 AM - mrkn (Kenta Murata)

- Category set to core
- Assignee set to mrkn (Kenta Murata)

#4 - 11/01/2011 01:18 PM - pragdave (Dave Thomas)

- File ruby-1.9.3-p0.tgz added

I've attached the rvm logs from the installation

#5 - 11/01/2011 01:26 PM - pragdave (Dave Thomas)

Dave Thomas wrote:

I've attached the rvm logs from the installation

Also, looking at your output—why is it writing cat/dog/cat/dog? Shouldn't it just be one 'cat' and one 'dog'?

Dave

#6 - 11/01/2011 01:37 PM - mrkn (Kenta Murata)

Dave Thomas wrote:

Also, looking at your output—why is it writing cat/dog/cat/dog? Shouldn't it just be one 'cat' and one 'dog'?

Last two lines of output are the result of "puts ['cat', 'dog']", this array is the return value of the fiber block.

#7 - 11/01/2011 11:11 PM - pragdave (Dave Thomas)

Kenta Murata wrote:

Dave Thomas wrote:

Also, looking at your output—why is it writing cat/dog/cat/dog? Shouldn't it just be one 'cat' and one 'dog'?

Last two lines of output are the result of "puts ['cat', 'dog']", this array is the return value of the fiber block.

Of course. Sorry...

I have more information. I removed rvm totally from this machine and reinstalled both 1.9.2 and 1.9.3. Both versions now show this problem (previously 1.9.2 worked). These are the first interpreters I have installed since upgrading this machine to Lion.

So I tried it on my laptop, also running Lion. Both 1.9.2 and 1.9.3 work there.

This appears to be a local configuration issue on my machine.

Sorry for the false alarm.

#8 - 11/02/2011 01:23 AM - telemachus (Peter Aronoff)

On Tue Nov 01 2011 @ 11:11, Dave Thomas wrote:

I have more information. I removed rvm totally from this machine and reinstalled both 1.9.2 and 1.9.3. Both versions now show this problem (previously 1.9.2 worked). These are the first interpreters I have installed since upgrading this machine to Lion.

So I tried it on my laptop, also running Lion. Both 1.9.2 and 1.9.3 work there.

This appears to be a local configuration issue on my machine.

Sorry for the false alarm.

This may or may not be relevant, but the newest versions of Xcode (4.2 and/or 4.2.1) don't seem to install gcc-4.2 at all (only the llvm-gcc). It may be that you're seeing problems due to the compiler being different on the two machines?

See this issue for related discussion:
<https://github.com/sstephenson/ruby-build/issues/62>

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[D]igital information lasts forever--or five years, whichever comes first.
"Ensuring the Longevity of Digital Information", Jeff Rothenberg

#9 - 01/10/2012 11:07 AM - mrkn (Kenta Murata)

- Status changed from Open to Rejected

Files

prog.rb	129 Bytes	11/01/2011	pragdave (Dave Thomas)
ruby-1.9.3-p0.tgz	19.3 KB	11/01/2011	pragdave (Dave Thomas)