

Ruby - Bug #5529

Bus error with Fibers on OSX Lion

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

<div><div>Status:</div><div>Rejected</div></div> <div><div>Priority:</div><div>Normal</div></div> <div><div>Assignee:</div><div>mrkn (Kenta Murata)</div></div> <div><div>Target version:</div><div>1.9.3</div></div> <div><div>ruby -v:</div><div>ruby 1.9.3p0 (2011-10-30 revision 33570) [x86_64-darwin11.2.0]</div></div>	<div>Backport:</div>
<div>Description</div> <div><div>=begin</div><div>The attached program crashes with the following trace:</div><div>dave[ruby3/Book 11:18:39] ruby /tmp/prog.rb</div><div>cat</div><div>dog</div><div>/tmp/prog.rb:2: [BUG] Bus Error</div><div>ruby 1.9.3p0 (2011-10-30 revision 33570) [x86_64-darwin11.2.0]</div><div>-- Control frame information -----</div><div>c:0003 p:0015 s:0005 b:0005 l:002508 d:000004 BLOCK /tmp/prog.rb:2</div><div>c:0002 p:---- s:0003 b:0003 l:000002 d:000002 FINISH</div><div>c:0001 p:---- s:0001 b:-001 l:000000 d:000000 -----</div><div>-- Ruby level backtrace information -----</div><div>/tmp/prog.rb:2:in `block in '</div><div>-- C level backtrace information -----</div><div>See Crash Report log file under ~/Library/Logs/CrashReporter or</div><div>/Library/Logs/CrashReporter, for the more detail of.</div><div>-- Other runtime information -----</div><div><div><div>• Loaded script: /tmp/prog.rb</div><div>• Loaded features:</div></div><div>0 enumerator.so</div><div>1 /Users/dave/.rvm/rubies/ruby-1.9.3-p0/lib/ruby/1.9.1/x86_64-darwin11.2.0/enc/encdb.bundle</div><div>2 /Users/dave/.rvm/rubies/ruby-1.9.3-p0/lib/ruby/1.9.1/x86_64-darwin11.2.0/enc/trans/transdb.bundle</div><div>3 /Users/dave/.rvm/rubies/ruby-1.9.3-p0/lib/ruby/site_ruby/1.9.1/rubygems/defaults.rb</div><div>4 /Users/dave/.rvm/rubies/ruby-1.9.3-p0/lib/ruby/1.9.1/x86_64-darwin11.2.0/rbconfig.rb</div><div>5 /Users/dave/.rvm/rubies/ruby-1.9.3-p0/lib/ruby/site_ruby/1.9.1/rubygems/deprecate.rb</div><div>6 /Users/dave/.rvm/rubies/ruby-1.9.3-p0/lib/ruby/site_ruby/1.9.1/rubygems/exceptions.rb</div><div>7 /Users/dave/.rvm/rubies/ruby-1.9.3-p0/lib/ruby/site_ruby/1.9.1/rubygems/custom_require.rb</div><div>8 /Users/dave/.rvm/rubies/ruby-1.9.3-p0/lib/ruby/site_ruby/1.9.1/rubygems.rb</div><div>[NOTE]</div><div>You may have encountered a bug in the Ruby interpreter or extension libraries.</div><div>Bug reports are welcome.</div><div>For details: http://www.ruby-lang.org/bugreport.html</div><div>=end</div></div></div>	

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)