

Ruby - Bug #3826

Repeatable SEGV(seg fault) with ruby-debug19/ruby-debug-ide

09/14/2010 11:35 AM - baldmark (Mark Chapman)

Status:	Third Party's Issue	Backport:
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	ruby 1.9.2p0 (2010-08-18 revision 29036) [x86_64-linux]	
Description		
=begin Everything that came up is below. I will take a snapshot of my code in case anyone wants it. /usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:50: [BUG] Segmentation fault ruby 1.9.2p0 (2010-08-18 revision 29036) [x86_64-linux] -- control frame ----- c:0025 p:---- s:0095 b:0095 l:000094 d:000094 CFUNC :frame_file c:0024 p:0014 s:0091 b:0091 l:000090 d:000090 METHOD /usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:50 c:0023 p:0018 s:0084 b:0084 l:000069 d:000083 BLOCK /usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:39 c:0022 p:---- s:0081 b:0081 l:000080 d:000080 FINISH c:0021 p:---- s:0079 b:0079 l:000078 d:000078 CFUNC :each c:0020 p:0023 s:0076 b:0076 l:000069 d:000075 BLOCK /usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:38 c:0019 p:0028 s:0074 b:0074 l:000073 d:000073 METHOD /usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:253 c:0018 p:0013 s:0070 b:0070 l:000069 d:000069 METHOD /usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:37 c:0017 p:0034 s:0065 b:0065 l:000064 d:000064 METHOD /usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/command.rb:85 c:0016 p:---- s:0059 b:0059 l:000058 d:000058 FINISH c:0015 p:0029 s:0057 b:0057 l:000056 d:000056 METHOD /usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/command_s/frame.rb:41 c:0014 p:0103 s:0054 b:0054 l:000035 d:000053 BLOCK /usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor.rb:74 c:0013 p:---- s:0049 b:0049 l:000048 d:000048 FINISH c:0012 p:---- s:0047 b:0047 l:000046 d:000046 CFUNC :each		

c:0011 p:0020 s:0044 b:0044 l:000035 d:000043 BLOCK
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor
.rb:67
c:0010 p:---- s:0042 b:0042 l:000041 d:000041 FINISH
c:0009 p:---- s:0040 b:0040 l:000039 d:000039 CFUNC :catch
c:0008 p:0196 s:0036 b:0036 l:000035 d:000035 METHOD
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor
.rb:66
c:0007 p:0042 s:0026 b:0026 l:000016 d:000025 BLOCK
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor
.rb:35
c:0006 p:---- s:0023 b:0023 l:000022 d:000022 FINISH
c:0005 p:---- s:0021 b:0021 l:000020 d:000020 CFUNC :catch
c:0004 p:0119 s:0017 b:0017 l:000016 d:000016 METHOD
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor
.rb:31
c:0003 p:0149 s:0010 b:0010 l:0023e8 d:000009 BLOCK
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug-ide.rb:160
c:0002 p:---- s:0004 b:0004 l:000003 d:000003 FINISH
c:0001 p:---- s:0002 b:0002 l:000001 d:000001 TOP

-- Ruby level backtrace information -----

/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug-ide.rb:160:in block in start_control'
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor.rb:31:in process_commands'
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor.rb:31:in catch'
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor.rb:35:in block in process_commands'
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor.rb:66:in process_context_commands'
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor.rb:66:in catch'
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor.rb:67:in block in process_context_commands'
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor.rb:67:in each'
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor.rb:74:in block (2 levels) in
process_context_commands' /usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/commands/frame.rb:41:in
execute'
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/command.rb:85:in method_missing'
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:37:in print_frames'
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:253:in print_element'
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:38:in block in print_frames'
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:38:in each'
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:39:in block (2 levels) in print_frames'
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:50:in print_frame'
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:50:in frame_file'

-- C level backtrace information -----

/usr/local/bin/ruby(rb_vm_bugreport+0x9e) [0x522bee]
/usr/local/bin/ruby() [0x563f98]
/usr/local/bin/ruby(rb_bug+0xb1) [0x564131]
/usr/local/bin/ruby() [0x4b1df8]
/lib/libpthread.so.0(+0xf8f0) [0x7f29890218f0]
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-base19-0.11.24/lib/ruby_debug.so(+0x71dc) [0x7f298778c1dc]
/usr/local/bin/ruby() [0x5190a7]
/usr/local/bin/ruby() [0x51a7f2]
/usr/local/bin/ruby() [0x51f289]
/usr/local/bin/ruby(rb_yield+0x66) [0x5208f6]
/usr/local/bin/ruby() [0x47f1f1]
/usr/local/bin/ruby() [0x5190a7]
/usr/local/bin/ruby() [0x51a7f2]
/usr/local/bin/ruby() [0x51f289]
/usr/local/bin/ruby() [0x51258b]

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/usr/local/bin/ruby() [0x51891e]
/usr/local/bin/ruby() [0x518f60]
/usr/local/bin/ruby() [0x51a7f2]
/usr/local/bin/ruby() [0x51f289]
/usr/local/bin/ruby(rb_yield+0x66) [0x5208f6]
/usr/local/bin/ruby(rb_ary_each+0x45) [0x5325a5]
/usr/local/bin/ruby() [0x5190a7]
/usr/local/bin/ruby() [0x51a7f2]
/usr/local/bin/ruby() [0x51f289]
/usr/local/bin/ruby() [0x52061e]
/usr/local/bin/ruby(rb_catch_obj+0xbe) [0x50c6ee]
/usr/local/bin/ruby() [0x50d9ba]
/usr/local/bin/ruby() [0x5190a7]
/usr/local/bin/ruby() [0x51a7f2]
/usr/local/bin/ruby() [0x51f289]
/usr/local/bin/ruby() [0x52061e]
/usr/local/bin/ruby(rb_catch_obj+0xbe) [0x50c6ee]
/usr/local/bin/ruby() [0x50d9ba]
/usr/local/bin/ruby() [0x5190a7]
/usr/local/bin/ruby() [0x51a7f2]
/usr/local/bin/ruby() [0x51f289]
/usr/local/bin/ruby(rb_vm_invoke_proc+0xa1) [0x512021]
/usr/local/bin/ruby() [0x527fbf]
/usr/local/bin/ruby() [0x52807e]
/lib/libpthread.so.0(+0x69ca) [0x7f29890189ca]
/lib/libc.so.6(clone+0x6d) [0x7f29884ad6fd]

```

[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

Related issues:

Has duplicate Ruby - Bug #3976: ruby/1.9.1/webrick/server.rb:90: [BUG] Segmen...	Third Party's Issue #1023/2010
Has duplicate Ruby - Bug #4355: Segmentation Fault	Third Party's Issue #320/2011
Has duplicate Ruby - Bug #4435: Step over/step into extend statement causes b...	Third Party's Issue #324/2011
Has duplicate Ruby - Bug #4817: Seg Fault Around xml_printer.rb	Third Party's Issue #360/2011

History

#1 - 09/14/2010 12:43 PM - baldmark (Mark Chapman)

=begin

I have since fixed my code and the Seg Fault has gone. I am a newbie so you will have to forgive any inaccuracies, but I think what happened is as follows:

1. I had the line
require '/home/mark/Projects/bc/config/environment.rb'
in my program so I could use Rails models
2. Most of the work in my program was being done by class Setup
3. I was passing a rails model type (Regulator) to a class method of Setup
4. In that method, attempts to resolve the rails model name were causing it to be associated with the Setup namespace
5. I added the line
require '/home/mark/Projects/bc/app/models/regulator.rb'
and the seg fault stopped happening

Hope this helps

Mark
=end

#2 - 10/16/2010 07:43 PM - clyfe (nicolae claudius)

=begin

I have the same error:

Ubuntu i386-32
ruby 1.9.2.p0
ruby-debug19
ruby-debug-ide19

using from netbeans
sometimes I get this segfault, sometimes a timeout error .

REPORT:

/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:52: [BUG] Segmentation fault
ruby 1.9.2p0 (2010-08-18) [i686-linux]

-- control frame -----

c:0024 p:0060 s:0094 b:0091 l:000090 d:000090 METHOD
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:52
c:0023 p:0018 s:0084 b:0084 l:000069 d:000083 BLOCK
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:39
c:0022 p:---- s:0081 b:0081 l:000080 d:000080 FINISH
c:0021 p:---- s:0079 b:0079 l:000078 d:000078 CFUNC :each
c:0020 p:0023 s:0076 b:0076 l:000069 d:000075 BLOCK
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:38
c:0019 p:0028 s:0074 b:0074 l:000073 d:000073 METHOD
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:25
3
c:0018 p:0013 s:0070 b:0070 l:000069 d:000069 METHOD
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:37
c:0017 p:0034 s:0065 b:0065 l:000064 d:000064 METHOD
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/command.rb:85
c:0016 p:---- s:0059 b:0059 l:000058 d:000058 FINISH
c:0015 p:0029 s:0057 b:0057 l:000056 d:000056 METHOD
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/commands/frame
.rb:41
c:0014 p:0103 s:0054 b:0054 l:000035 d:000053 BLOCK
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor.rb:74
c:0013 p:---- s:0049 b:0049 l:000048 d:000048 FINISH
c:0012 p:---- s:0047 b:0047 l:000046 d:000046 CFUNC :each
c:0011 p:0020 s:0044 b:0044 l:000035 d:000043 BLOCK
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor.rb:67
c:0010 p:---- s:0042 b:0042 l:000041 d:000041 FINISH
c:0009 p:---- s:0040 b:0040 l:000039 d:000039 CFUNC :catch
c:0008 p:0196 s:0036 b:0036 l:000035 d:000035 METHOD
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor.rb:66
c:0007 p:0042 s:0026 b:0026 l:000016 d:000025 BLOCK
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor.rb:35
c:0006 p:---- s:0023 b:0023 l:000022 d:000022 FINISH
c:0005 p:---- s:0021 b:0021 l:000020 d:000020 CFUNC :catch
c:0004 p:0119 s:0017 b:0017 l:000016 d:000016 METHOD
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor.rb:31
c:0003 p:0149 s:0010 b:0010 l:000d64 d:000009 BLOCK
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug-ide.rb:157
c:0002 p:---- s:0004 b:0004 l:000003 d:000003 FINISH
c:0001 p:---- s:0002 b:0002 l:000001 d:000001 TOP

-- Ruby level backtrace information -----

```
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug-ide.rb:157:in block in start_control'  
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor.rb:31:in process_commands'  
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor.rb:31:in catch'  
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor.rb:35:in block in process_commands'  
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor.rb:66:in process_context_commands'  
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor.rb:66:in catch'  
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor.rb:67:in block in process_context_commands'  
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor.rb:67:in each'  
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/processor.rb:74:in block (2 levels) in process_context_commands'  
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/commands/frame.rb:41:in execute'  
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/command.rb:85:in method_missing'  
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:37:in print_frames'  
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:253:in print_element'  
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:38:in block in print_frames'  
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:38:in each'  
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:39:in block (2 levels) in print_frames'  
/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug/xml_printer.rb:52:in `print_frame'
```

-- C level backtrace information -----

```
/usr/local/bin/ruby(rb_vm_bugreport+0xa5) [0x815d5e5]  
/usr/local/bin/ruby() [0x819c289]  
/usr/local/bin/ruby(rb_bug+0x28) [0x819c338]  
/usr/local/bin/ruby() [0x80f0538]  
[0xcb640c]  
/usr/local/bin/ruby() [0x8133e01]  
/usr/local/bin/ruby(rb_class_path+0x16) [0x8134006]  
/usr/local/bin/ruby(rb_obj_classname+0x3a) [0x8134b1a]  
/usr/local/bin/ruby() [0x819d945]  
/usr/local/bin/ruby(rb_check_typeddata+0x26) [0x819da06]  
/usr/local/bin/ruby(rb_mutex_lock+0x1c) [0x81633fc]  
/usr/local/bin/ruby(rb_mutex_synchronize+0x12) [0x81639a2]  
/usr/local/bin/ruby() [0x807538c]  
/usr/local/bin/ruby() [0x8075769]  
/usr/local/bin/ruby(rb_io_fptr_finalize+0xd4) [0x80760c4]  
/usr/local/bin/ruby() [0x80645de]  
/usr/local/bin/ruby(rb_gc_finalize_deferred+0x29) [0x8064b39]  
/usr/local/bin/ruby() [0x8160ff5]  
/usr/local/bin/ruby() [0x81545a1]  
/usr/local/bin/ruby() [0x81567a8]  
/usr/local/bin/ruby() [0x815a126]  
/usr/local/bin/ruby(rb_yield+0x50) [0x815b500]  
/usr/local/bin/ruby() [0x80bf659]  
/usr/local/bin/ruby() [0x81543da]  
/usr/local/bin/ruby() [0x81567a8]  
/usr/local/bin/ruby() [0x815a126]  
/usr/local/bin/ruby() [0x814df44]  
/usr/local/bin/ruby() [0x8153cd0]  
/usr/local/bin/ruby() [0x815428c]  
/usr/local/bin/ruby() [0x81567a8]  
/usr/local/bin/ruby() [0x815a126]  
/usr/local/bin/ruby(rb_yield+0x50) [0x815b500]  
/usr/local/bin/ruby(rb_ary_each+0x41) [0x816c8b1]  
/usr/local/bin/ruby() [0x81543da]  
/usr/local/bin/ruby() [0x81567a8]  
/usr/local/bin/ruby() [0x815a126]  
/usr/local/bin/ruby() [0x815b29d]  
/usr/local/bin/ruby(rb_catch_obj+0x9f) [0x8148b2f]  
/usr/local/bin/ruby() [0x8149d56]  
/usr/local/bin/ruby() [0x8148f85]  
/usr/local/bin/ruby() [0x81543da]  
/usr/local/bin/ruby() [0x81567a8]  
/usr/local/bin/ruby() [0x815a126]  
/usr/local/bin/ruby() [0x815b29d]  
/usr/local/bin/ruby(rb_catch_obj+0x9f) [0x8148b2f]  
/usr/local/bin/ruby() [0x8149d56]  
/usr/local/bin/ruby() [0x8148f85]  
/usr/local/bin/ruby() [0x81543da]  
/usr/local/bin/ruby() [0x81567a8]  
/usr/local/bin/ruby() [0x815a126]  
/usr/local/bin/ruby(rb_vm_invoke_proc+0x76) [0x814daa6]  
/usr/local/bin/ruby() [0x8162a22]  
/usr/local/bin/ruby() [0x8162ae2]  
/lib/libpthread.so.0(+0x5cc9) [0x115cc9]  
/lib/libc.so.6(clone+0x5e) [0x22f6ae]
```

=end

#3 - 10/16/2010 07:45 PM - clyfe (nicolae claudius)

=begin

Here is the timeout error I get:

Exception in DebugThread loop: Timeout: evaluation took longer than 10 seconds.

=end

#4 - 10/16/2010 08:17 PM - clyfe (nicolae claudius)

=begin

Even more

Exception in DebugThread loop: Timeout: evaluation took longer than 10 seconds.

/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug-ide.rb:160:in exit'

/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug-ide.rb:160:in rescue in block in start_control'

/usr/local/lib/ruby/gems/1.9.1/gems/ruby-debug-ide19-0.4.12/lib/ruby-debug-ide.rb:154:in `block in start_control'

Uncaught exception: exit

=end

#5 - 06/26/2011 03:35 PM - naruse (Yui NARUSE)

- Status changed from Open to Third Party's Issue

It seems ruby-debug-ide's issue.

Please reopen this if this is ruby's issue.

#6 - 06/27/2011 04:31 PM - nahi (Hiroshi Nakamura)

- Subject changed from Repeatable seg fault while debugging in Netbeans to Repeatable SEGV(seg fault) with ruby-debug19/ruby-debug-ide

I'll point ruby-debug19/ruby-debug-ide19 issues to this.

- Please check the version of ruby-debug19, and try the latest gem if available.
- Please consult with ruby-debug19 maintainer: <https://github.com/mark-moseley/ruby-debug/wiki>

Let us know if the error happens without debugging. Thanks!