

Ruby trunk - Bug #2641

Seg fault running miniruby during ruby build on Haiku

01/25/2010 02:55 PM - kallisti5 (Alexander von Gluck)

Status:	Rejected	
Priority:	Normal	
Assignee:		
Target version:	2.0.0	
ruby -v:	ruby 1.8.4 (2005-12-24) [i586-beos]	Backport:
Description		
=begin Not sure whats triggering it, enabled debugging in thread.c as thats around where the cause seems to be. r26400 see attached for log output of build. rubyseg.txt -- first build rubyseg2.txt -- results of running make again. =end		

History

#1 - 01/25/2010 03:04 PM - kallisti5 (Alexander von Gluck)

=begin
and just to make sure it's not Haiku's fault...

<http://dev.haiku-os.org/ticket/5321>

=end

#2 - 01/27/2010 05:26 AM - kallisti5 (Alexander von Gluck)

=begin
a quick note.. still not sure if it is a Haiku or Ruby issue. Here is a gdb backtrace of the seg fault...

GNU gdb 6.3

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This GDB was configured as "i586-pc-haiku"...

[tcsetpgrp failed in terminal_inferior: Invalid Argument]

Thread 8823 caused an exception: Segment violation

Reading symbols from /boot/system/runtime_loader...done.

Loaded symbols for /boot/system/runtime_loader

Reading symbols from /boot/system/lib/gcc4/libroot.so...done.

Loaded symbols for /boot/system/lib/gcc4/libroot.so

[tcsetpgrp failed in terminal_inferior: Invalid Argument]

[Switching to team ./miniruby -l./lib -l.ext/common -l./-r./ext/purelib.rb ./too (8822) thread pthread func (8823)]

0x002471ee in report_bug (file=0xffffffff ,
line=-1, fmt=0x365d05 "%s: %s (%s)", args=0x70004f38 "S\2068")
at error.c:216

216 {

(gdb) bt

#0 0x002471ee in report_bug (
file=0xffffffff , line=-1,

fmt=0x365d05 "%s: %s (%s)", args=0x70004f38 "S\2068") at error.c:216

#1 0x00247392 in rb_bug (fmt=0x365d05 "%s: %s (%s)") at error.c:245

#2 0x0024797b in rb_bug_errno (msg=0x388653 "thread_timer/timedwait",
errno_arg=3704403) at error.c:259

#3 0x0035ed6f in thread_timer (dummy=0x0) at thread_pthread.c:769

#4 0x004020fb in pthread_thread_entry () from /boot/system/lib/gcc4/libroot.so

#5 0x70004fec in ?? ()

=end

#3 - 01/27/2010 07:20 AM - rogerdpack (Roger Pack)

=begin
are you really using 1.8.4? What about trunk?

-r
=end

#4 - 01/27/2010 08:35 AM - kallisti5 (Alexander von Gluck)

=begin
trying to use an older binary version of 1.8 for BeOS to compile 1.9 on Haiku.

(compiling ruby requires ruby which is kind of silly but whatever)

It seems like miniruby is locking up accessing BUFSIZ...

adding the following to the top of the rb_bug function in error.c causes to lockup to happen on the second printf instead of when report_bug references it.

```
printf("rb_bug!!\n\n");  
printf("buffer size: %i",BUFSIZE);
```

Tested the same code outside of error.c in a simple app on Haiku and it works as expected with a buffer size of 8192.

=end

#5 - 01/27/2010 02:33 PM - naruse (Yui NARUSE)

=begin
The gdb backtrace says, Haiku's pthread_cond_timedwait returns 3704403, but the value is not ETIMEDOUT nor EINTR.

-- Ruby accepts only 0, EINTR, ETIMEDOUT
http://redmine.ruby-lang.org/repositories/entry/ruby-19/thread_pthread.c

-- Haiku returns various values
http://dev.haiku-os.org/browser/haiku/trunk/src/system/libroot/posix/pthread/pthread_cond.c

So this is Ruby's issue while Haiku is on POSIX.

=end

#6 - 01/31/2010 08:02 AM - kallisti5 (Alexander von Gluck)

- *File patch.diff added*

=begin
Still working on the SegFault issues, there was some previous work for Ruby on Haiku done below by augiedoggie here:
<http://ports.haiku-files.org/wiki/dev-lang/ruby/1.9.1/1>

I applied his patches (that weren't included in my previous patches) to a more recent source tree. They are attached but unfortunately don't help this crash issue in mainline on Haiku.

=end

#7 - 02/04/2010 06:05 PM - naruse (Yui NARUSE)

=begin
The patch seems for the signal problem which was mentioned before.
This seems different problem...

Anyway can you find the commit which breaks compile on Haiku?
You could compile it ten days ago.

=end

#8 - 05/18/2010 08:59 PM - mame (Yusuke Endoh)

- *Status changed from Open to Feedback*

- *Priority changed from Normal to 3*

- *Target version set to 2.0.0*

=begin
I set this ticket to Low priority because there is no maintainer for Haiku. Contribution is welcome.

--

Yusuke Endoh mame@tsg.ne.jp
=end

#9 - 12/26/2010 03:04 PM - naruse (Yui NARUSE)

=begin
What's going on?
=end

#10 - 06/26/2011 02:42 PM - naruse (Yui NARUSE)

- Status changed from Feedback to Rejected

timeout

Files

rubyseg.txt	41 KB	01/25/2010	kallisti5 (Alexander von Gluck)
rubyseg2.txt	9.34 KB	01/25/2010	kallisti5 (Alexander von Gluck)
patch.diff	1.06 KB	01/31/2010	kallisti5 (Alexander von Gluck)