

Ruby trunk - Bug #5476

ruby 1.9.3_rc1 segfaults in test_fork.rb on HPPA

10/25/2011 01:52 AM - hansdegraaff (Hans de Graaff)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:	1.9.3	
ruby -v:	1.9.3_rc1	Backport:
Description		
Running tests on HPPA results in a segmentation fault when running test_fork.rb.		
The downstream bug report at https://bugs.gentoo.org/show_bug.cgi?id=388123 has all the details and the full build log.		
<pre>#246 test_fork.rb:24:in <top (required)>: Process.setrlimit(:NPROC, 1) fork {} #=> killed by SIGABRT (signal 6) bootstraptest.tmp.rb:3: [BUG] Segmentation fault ruby 1.9.3dev (2011-09-23 revision 33323) [hppa-linux] -- Control frame information ----- c:0004 p:---- s:0010 b:0010 l:000009 d:000009 CFUNC :fork c:0003 p:0048 s:0007 b:0006 l:000cd4 d:000d2c EVAL bootstraptest.tmp.rb:3 c:0002 p:---- s:0004 b:0004 l:000003 d:000003 FINISH c:0001 p:0000 s:0002 b:0002 l:000cd4 d:000cd4 TOP -- Ruby level backtrace information ----- bootstraptest.tmp.rb:3:in' bootstraptest.tmp.rb:3:in `fork'</pre>		
[...]		

History

#1 - 10/25/2011 06:03 AM - kosaki (Motohiro KOSAKI)

Please give me C level backtrace.

#2 - 10/25/2011 02:47 PM - lucas (Lucas Nussbaum)

Ruby on hppa is broken because hppa (at least last time I checked) was using a LinuxThreads-based thread implementation instead of NPTL.

Maybe it should not crash, but I don't expect that you will reach a working state anyway.

#3 - 12/19/2011 03:16 PM - sorah (Sorah Fukumori)

- Status changed from Open to Feedback

#4 - 12/20/2011 03:50 AM - hansdegraaff (Hans de Graaff)

Lucas Nussbaum wrote:

Ruby on hppa is broken because hppa (at least last time I checked) was using a LinuxThreads-based thread implementation instead of NPTL.

Not true at least on Gentoo/HPPA which has been using NPTL. So at least that is not a hurdle. I'll have to check for the backtrace, I can't produce one myself.

#5 - 10/24/2012 06:17 PM - hansdegraaff (Hans de Graaff)

It looks like this got fixed with <http://bugs.ruby-lang.org/issues/5488>, we can no longer reproduce this in the latest version of ruby 1.9.3.

#6 - 10/24/2012 06:34 PM - kosaki (Motohiro KOSAKI)

- Status changed from Feedback to Closed

OK, thank you.