

Ruby 1.8 - Bug #1484

Ruby 1.8.6_p368 and Ruby 1.8.7_p160 have threading regressions

05/18/2009 06:56 PM - hansdegraaff (Hans de Graaff)

Status:	Open
Priority:	Normal
Assignee:	
Target version:	
ruby -v:	1.8.6_p368, ruby 1.8.7_p160
Description	
=begin Changes introduced in ruby 1.8.6_368 and ruby 1.8.7_p160 have regressions in the way they handle threading. The following bug report for Capistrano details the regression: https://capistrano.lighthouseapp.com/projects/8716/tickets/79-capistrano-hangs-on-shell-command-for-many-computers-on-ruby-186-p368#ticket-79-22 Basically, when trying to deploy to more than one machine capistrano now hangs while eating up all CPU, instead of actually running the deployment tasks. Deploying to a single machine or deploying with e.g. ruby 1.8.7_p72 works fine. =end	
Related issues:	
Has duplicate Backport187 - Bug #1993: IO.select fails when called in multipl... Closed 08/25/2009	

History

#1 - 07/09/2009 05:24 AM - rogerdpack (Roger Pack)

=begin

Basically, when trying to deploy to more than one machine capistrano now hangs while eating up all CPU, instead of actually running the deployment tasks. Deploying to a single machine or deploying with e.g. ruby 1.8.7_p72 works fine.

Is this still the case?

=r
=end

#2 - 07/09/2009 07:41 AM - luislavena (Luis Lavena)

=begin

On Wed, Jul 8, 2009 at 5:24 PM, Roger Pack redmine@ruby-lang.org wrote:

Issue [#1484](#) has been updated by Roger Pack.

Basically, when trying to deploy to more than one machine capistrano now hangs while eating up all CPU, instead of actually running the deployment tasks. Deploying to a single machine or deploying with e.g. ruby 1.8.7_p72 works fine.

Is this still the case?

=r

I see similar problems with all threading related tasks on Mongrel and sqlite3-ruby threaded tests.

Could be a duplicate of the other bug report.

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Luis Lavena
AREA 17

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Perfection in design is achieved not when there is nothing more to add,
but rather when there is nothing more to take away.
Antoine de Saint-Exupéry

=end

#3 - 07/09/2009 02:17 PM - hansdegraaff (Hans de Graaff)

=begin
<http://redmine.ruby-lang.org/issues/show/1471> contains some discussion and patches that I thought were successful, but it seems in my initial testing I was lucky or not careful enough. In any case I'm still seeing this problem with capistrano deployments when deploying to more than one machine at the time.
=end

#4 - 08/26/2009 01:40 AM - dazuma (Daniel Azuma)

=begin
I just reported <http://redmine.ruby-lang.org/issues/show/1993> against 1.8.7, which looks like it's the same issue. (Sorry, I should have looked through the bug lists of the other versions-- I had thought this was 1.8.7 specific.) That other report has some analysis of `rb_thread_schedule()` that I think explains why this is happening. See also http://www.daniel-azuma.com/blog/view/z2ysbx0e4c3it9/ruby_1_8_7_io_select_threading_bug
=end

#5 - 09/02/2009 02:08 AM - hongli (Hongli Lai)

=begin
Hi guys, any updates on this ticket? Has it been fixed yet?
=end

#6 - 09/07/2009 02:57 PM - hansdegraaff (Hans de Graaff)

=begin
As far as I know this has not been fixed yet, but net-ssh-2.0.14 contains a workaround that works with capistrano.
=end