

Ruby master - Bug #5241

test_massign.rb:165 fails on Debian GNU/kFreeBSD (amd64)

08/28/2011 06:25 AM - lucas (Lucas Nussbaum)

Status:	Closed	
Priority:	Normal	
Assignee:	kosaki (Motohiro KOSAKI)	
Target version:	1.9.3	
ruby -v:	1.9.3	
Description		Backport:
Hi,		
With a reduced testcase:		
ruby1.9.1 -e "Fiber::new {}.resume"		
-e:1:in resume': can't alloc machine stack to fiber (FiberError) from -e:1:in'		
That's using svn revision 33077. This might or might not be related to bug #5240 .		

Associated revisions

Revision 3ffa4462 - 08/30/2011 12:51 AM - kosaki (Motohiro KOSAKI)

- cont.c (fiber_entry): fix stack allocation failure on Debian GNU/kFreeBSD. Patch by Lucas Nussbaum . [Bug #5241] [ruby-core:39147]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@33118 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 33118 - 08/30/2011 12:51 AM - kosaki (Motohiro KOSAKI)

- cont.c (fiber_entry): fix stack allocation failure on Debian GNU/kFreeBSD. Patch by Lucas Nussbaum . [Bug #5241] [ruby-core:39147]

Revision 33118 - 08/30/2011 12:51 AM - kosaki (Motohiro KOSAKI)

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Revision f363d4d8 - 08/30/2011 12:54 AM - kosaki (Motohiro KOSAKI)

merge revision(s) 33118:

```
* cont.c (fiber_entry): fix stack allocation failure on Debian
GNU/kFreeBSD.
Patch by Lucas Nussbaum <lucas at lucas-nussbaum dot net>.
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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@33120 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 08/28/2011 09:42 AM - kosaki (Motohiro KOSAKI)

- Status changed from Open to Feedback

Why do kFreeBSD fail to allocate a stack?

#2 - 08/28/2011 03:53 PM - lucas (Lucas Nussbaum)

- File `freebsd_map_stack.patch` added

Hi,

The attached patch fixes the issue. It's a bug in FreeBSD's mmap, that was already reported.

FreeBSD is not defined on Debian GNU/kFreeBSD. Since it uses the FreeBSD kernel with the GNU Libc, semantics be be either those of the FreeBSD kernel, or those of the GNU Libc, so it doesn't make sense to just look at "FreeBSD". Instead, **FreeBSD_kernel** is defined.

I've looked at other uses of **FreeBSD** kernel, and try to remember to provide patches for them if I run into issues that could be caused by them.

I've also added a reference to the FreeBSD bug report in the comment.

#3 - 08/28/2011 04:14 PM - kosaki (Motohiro KOSAKI)

- Category set to core

- Status changed from Feedback to Assigned

- Assignee set to kosaki (Motohiro KOSAKI)

- Target version set to 1.9.3

Ok, I'll commit your patch. Thank you!

#4 - 08/30/2011 09:51 AM - kosaki (Motohiro KOSAKI)

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

This issue was solved with changeset r33118.

Lucas, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.

-
- `cont.c (fiber_entry)`: fix stack allocation failure on Debian GNU/kFreeBSD. Patch by Lucas Nussbaum . [Bug #5241] [ruby-core:39147]

Files

<code>freebsd_map_stack.patch</code>	719 Bytes	08/28/2011	lucas (Lucas Nussbaum)
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