

Ruby master - Bug #13432

set_trace_func proc->is_from_method =

TRUE SystemStackError RubyVM

04/13/2017 02:07 PM - masato_hi (Masato Hi)

Status: Closed	
Priority: Normal	
Assignee:	
Target version:	
ruby -v: ruby 2.5.0dev (2017-04-13 trunk 58340) [x86_64-darwin16]	Backport: 2.2: REQUIRED, 2.3: DONE, 2.4: DONE
Description Method#to_proc Proc set_trace_func SystemStackError RubyVM <pre>def trace_method(event, file, line, id, binding, klass); end set_trace_func method(:trace_method).to_proc def stack_overflow stack_overflow end stack_overflow #=> RubyVM stops set_trace_func lambda { event, file, line, id, binding, klass } def stack_overflow stack_overflow end stack_overflow #=> stack level too deep (SystemStackError)</pre>	
Related issues: Is duplicate of Ruby master - Bug #13425: Tracer.on SystemStackError... Closed	

Associated revisions

Revision 75b11469 - 06/30/2017 12:21 PM - usa (Usaku NAKAMURA)

merge revision(s) 58334,58346,58349: [Backport #13425] [Backport #13432]

```
thread.c: disable VM events when stack overflow
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* thread.c (ruby_thread_stack_overflow): disable VM events when  
stack overflow occurred; it causes another stack overflow again  
in making backtrace object, and crashes.  
[ruby-core:80662] [Bug #13425]  
increase timeout seconds.
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* test/ruby/test_trace.rb (test_trace_stackoverflow): on some platforms  
this test fails because of timeout.
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```
disable rewind hooks.
```

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* vm.c (hook_before_rewind): skip rewind hooks if err is SystemStackError  
because rewind hooks can cause stack overflow again and again.
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* thread.c (ruby_thread_stack_overflow): do not disable all hooks.  
Additionally, clearing ruby_vm_event_flags is not suitable way  
to disable hooks.
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_3@59232 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 59232 - 06/30/2017 12:21 PM - usa (Usaku NAKAMURA)

merge revision(s) 58334,58346,58349: [Backport #13425] [Backport #13432]

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Revision 5528c18d - 07/09/2017 07:49 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 58334,58346,58349: [Backport #13425] [Backport #13432]

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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_4@59297 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 59297 - 07/09/2017 07:49 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 58334,58346,58349: [Backport #13425] [Backport #13432]

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* vm.c (hook_before_rewind): skip rewind hooks if err is SystemStackError
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History

#1 - 04/14/2017 06:45 AM - masato_hi (Masato Hi)

- Description updated

#2 - 06/16/2017 06:11 AM - nobu (Nobuyoshi Nakada)

- Description updated

r59100

#3 - 06/16/2017 08:12 AM - nobu (Nobuyoshi Nakada)

- Backport changed from 2.2: UNKNOWN, 2.3: UNKNOWN, 2.4: UNKNOWN to 2.2: REQUIRED, 2.3: REQUIRED, 2.4: REQUIRED

r58349

#4 - 06/16/2017 08:14 AM - nobu (Nobuyoshi Nakada)

- Is duplicate of Bug #13425: Tracer.onError SystemStackError Segmentation fault added

#5 - 06/16/2017 08:14 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

#6 - 07/07/2017 05:56 AM - usa (Usaku NAKAMURA)

- Backport changed from 2.2: REQUIRED, 2.3: REQUIRED, 2.4: REQUIRED to 2.2: REQUIRED, 2.3: DONE, 2.4: REQUIRED

#7 - 07/09/2017 07:49 PM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.2: REQUIRED, 2.3: DONE, 2.4: REQUIRED to 2.2: REQUIRED, 2.3: DONE, 2.4: DONE

ruby_2_4 r59297 merged revision(s) 58334,58346,58349.