Ruby - Bug #7815

Backport: Warning about TracePoint events to 2.0.0

02/10/2013 01:01 AM - zzak (zzak _)

Status:	Closed		
Priority:	Normal		
Assignee:	zzak (zzak _)		
Target version:	2.0.0		
ruby -v:	-	**Backport:**	

Description

Can we please backport r39168 to 2_0_0 branch?

https://github.com/ruby/ruby/commit/810516e
and
https://github.com/ruby/ruby/commit/810516e.patch

Associated revisions

Revision aea2c7ca509d29600d379be91e30b9239703436a - 02/14/2013 04:17 AM - zzak (zzak _)

- Backport r39168 Warning about TracePoint events to 2.0.0
  [ruby-core:52073] [Bug #7815]

- vm_trace.c: note about TracePoint events set

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_0_0@39237 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision aea2c7ca - 02/14/2013 04:17 AM - zzak (zzak _)

- Backport r39168 Warning about TracePoint events to 2.0.0
  [ruby-core:52073] [Bug #7815]

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History

#1 - 02/10/2013 01:05 AM - ko1 (Koichi Sasada)

mame-san:

This additional document is important to avoid future compatibility issue.

- ██
- ██
- ████████████████

Please see a problem of `set_trace_func'
http://www.atdot.net/~ko1/diary/201212.html#d12
(sorry, it is written in Japanese).

#2 - 02/10/2013 09:24 AM - mame (Yusuke Endoh)

Almost okay (because of only rdoc fix) but the line may matter:

> *Note:* this method is obsolete, please use TracePoint instead.

Suddenly making it obsolete is not a good idea after rc2, I think.
Or, is it really discussed and decided by matz?

In addition, Thread#set_trace_func should not refer the obsolete method:

- See Kernel#set_trace_func.

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Yusuke Endoh mame@tsg.ne.jp

#3 - 02/10/2013 09:48 AM - zzak (zzak _)

Thank you for the review Yusuke-san!

In my opinion Kernel#set_trace_func is obsolete, because it's an older and outdated API for TracePoint. We should recommend users try TracePoint instead, but it's not an officially deprecated feature. Ok?

> In addition, Thread#set_trace_func should not refer the obsolete method
> There is a bug in TracePoint spec where you cannot specify listen for a target thread, so Thread#set_trace_func is still acceptable API and preferred method for doing this. In this case, referring to Kernel#set_trace_func still applies because it carries additional api on *this* API. Until TracePoint spec is fixed, we can still cross-reference #set_trace_func.

If you'd like I can supply a patch only for warning on TracePoint events, it's up to you.

#4 - 02/10/2013 10:18 AM - mame (Yusuke Endoh)

zzak (Zachary Scott) wrote:

> In my opinion Kernel#set_trace_func is obsolete, because it's an older and outdated API for TracePoint. We should recommend users try TracePoint instead, but it's not an officially deprecated feature. Ok?

I don't know. It is officially deprecated only if matz approve the deprecation. Ko1, do you know?

Also, I'm afraid if TracePoint is not mature enough to deprecate Kernel#set_trace_func immediately.
So I think it would be good to include both in 2.0.0.

> In addition, Thread#set_trace_func should not refer the obsolete method
> There is a bug in TracePoint spec where you cannot specify listen for a target thread, so Thread#set_trace_func is still acceptable API and preferred method for doing this. In this case, referring to Kernel#set_trace_func still applies because it carries additional api on *this* API. Until TracePoint spec is fixed, we can still cross-reference #set_trace_func.

Yes I know. My opinion is just a matter of form; it looks strange to me that the rdoc of a method that is not deprecated yet depends on a deprecated method's.

> If you'd like I can supply a patch only for warning on TracePoint events, it's up to you.

I prefer this, unless matz officially deprecated only Kernel#set_trace_func. Thanks!

--
Yusuke Endoh mame@tsg.ne.jp

#5 - 02/10/2013 01:53 PM - ko1 (Koichi Sasada)

(2013/02/10 10:19), mame (Yusuke Endoh) wrote:

> > If you'd like I can supply a patch only for warning on TracePoint events, it's up to you.
> > I prefer this, unless matz officially deprecated only Kernel#set_trace_func. Thanks!

+1

One more point:
zzak uses obsolete' and mame uses deprecated'.

zzak wants to say recommend to use TracePoint' by the word obsolete'.
But people think this word as `deprecated' like mame-san.

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// SASADA Koichi at atdot dot net

#6 - 02/10/2013 02:43 PM - zzak (zzak _)

- Status changed from Open to Assigned

It is as Koichi-san says, I don't mean to deprecate Kernel#set_trace_func. Only to advise users to try TracePoint for new programs, since #set_trace_func is the old API.

Anyways, here's the patch for only the warning, I'm not sure how to commit to separate branches in svn. Yusuke-san, do you think you can do this for me?

https://github.com/zzak/ruby/commit/4bc46c4.patch

Thanks!

#7 - 02/10/2013 04:32 PM - mame (Yusuke Endoh)

- Assignee changed from mame (Yusuke Endoh) to zzak (zzak _)

Looks good to me. Go ahead. Thank you!

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Yusuke Endoh mame@tsg.ne.jp

#8 - 02/14/2013 01:19 PM - zzak (zzak _)

- Status changed from Assigned to Closed

Resolved by r39237