# Ruby master - Bug #11603

## Count trace_running for internal event

10/19/2015 02:47 PM - k0kubun (Takashi Kokubun)

| | | | | |
|---|---|---|---|---|
| **Status:** | Closed | | | |
| **Priority:** | Normal | | | |
| **Assignee:** | ko1 (Koichi Sasada) | | | |
| **Target version:** | | | | |
| **ruby -v:** | ruby 2.3.0dev (2015-10-19 trunk 52192) [x86_64-darwin14] | **Backport:** | 2.0.0: UNKNOWN, 2.1: DONE, 2.2: DONE | |

**Description**

https://github.com/ruby/ruby/pull/1059

I want to fix a crash: https://gist.github.com/k0kubun/86fd9fbff32423bd4974

I noticed that clean_hooks can be executed inside exec_hooks_body.
The hooks of list->hooks can be xfreed during exec_hooks_body.
That's because th->vm->trace_running is not incremented for exec_hooks_unprotected.

So I fixed rb_threadptr_exec_event_hooks_orig to count exec_hooks_unprotected as th->vm->trace_running too.

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## Associated revisions

### Revision 2d4bc584 - 11/07/2015 12:55 AM - ko1 (Koichi Sasada)

- vm_trace.c (rb_threadptr_exec_event_hooks_orig): maintain trace_running counter on internal events.

This patch is made by Takashi Kokubun takashikkbn@gmail.com.
[Bug #11603] https://github.com/ruby/ruby/pull/1059

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@52476 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

### Revision 52476 - 11/07/2015 12:55 AM - ko1 (Koichi Sasada)

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### Revision 27635014 - 11/08/2015 02:49 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 52476,52477: [Backport #11603]

```
    * vm_trace.c (rb_threadptr_exec_event_hooks_orig):
      maintain trace_running counter on internal events.
      This patch is made by Takashi Kokubun <takashikkbn@gmail.com>.
      [Bug #11603] https://github.com/ruby/ruby/pull/1059

    * vm_trace.c (rb_threadptr_exec_event_hooks_orig):
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_2@52497 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

### Revision 52497 - 11/08/2015 02:49 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 52476,52477: [Backport #11603]

```
* vm_trace.c (rb_threadptr_exec_event_hooks_orig):
  maintain trace_running counter on internal events.
  This patch is made by Takashi Kokubun <takashikkbn@gmail.com>.
  [Bug #11603] https://github.com/ruby/ruby/pull/1059

* vm_trace.c (rb_threadptr_exec_event_hooks_orig):
```

### Revision 3233891d - 11/18/2015 11:26 AM - usa (Usaku NAKAMURA)

merge revision(s) 52476,52477: [Backport #11603]

```
    * vm_trace.c (rb_threadptr_exec_event_hooks_orig):
      maintain trace_running counter on internal events.
      This patch is made by Takashi Kokubun <takashikkbn@gmail.com>.
      [Bug #11603] https://github.com/ruby/ruby/pull/1059

    * vm_trace.c (rb_threadptr_exec_event_hooks_orig):
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_1@52641 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

### Revision 52641 - 11/18/2015 11:26 AM - usa (Usaku NAKAMURA)

merge revision(s) 52476,52477: [Backport #11603]

```
* vm_trace.c (rb_threadptr_exec_event_hooks_orig):
  maintain trace_running counter on internal events.
  This patch is made by Takashi Kokubun <takashikkbn@gmail.com>.
  [Bug #11603] https://github.com/ruby/ruby/pull/1059

* vm_trace.c (rb_threadptr_exec_event_hooks_orig):
```

## History

#### #1 - 10/20/2015 10:07 AM - sorah (Sorah Fukumori)

*- Assignee set to ko1 (Koichi Sasada)*


assigning ko1 at here too, because he has self-assigned at GitHub PR

#### #2 - 10/27/2015 05:28 PM - deivid (David Rodríguez)

Commenting here just to confirm that this change fixes the SEGVs that this patch introduces in byebug's test suite.

#### #3 - 11/05/2015 04:13 PM - k0kubun (Takashi Kokubun)

Byebug 7.0.0 including https://github.com/deivid-rodriguez/byebug/pull/160 is released to rubygems.org the day before yesterday.
Since byebug gem is installed by Rails' default Gemfile, I guess many users may have chance to cause this SEGV.

Could you review this and point out what is a blocker to merge this patch?

#### #4 - 11/07/2015 12:55 AM - ko1 (Koichi Sasada)

*- Status changed from Open to Closed*

- vm_trace.c (rb_threadptr_exec_event_hooks_orig): maintain trace_running counter on internal events.

This patch is made by Takashi Kokubun takashikkbn@gmail.com.
[Bug #11603] https://github.com/ruby/ruby/pull/1059

**#5 - 11/07/2015 12:51 PM - deivid (David Rodríguez)**

*- Backport changed from 2.0.0: UNKNOWN, 2.1: UNKNOWN, 2.2: UNKNOWN to 2.0.0: UNKNOWN, 2.1: REQUIRED, 2.2: REQUIRED*

Great! Thanks a lot, Koichi!

We need backports to 2.1 and 2.2 if possible.

**#6 - 11/08/2015 02:49 PM - nagachika (Tomoyuki Chikanaga)**

*- Backport changed from 2.0.0: UNKNOWN, 2.1: REQUIRED, 2.2: REQUIRED to 2.0.0: UNKNOWN, 2.1: REQUIRED, 2.2: DONE*

Backported into ruby_2_2 branch at r52497.

**#7 - 11/18/2015 11:26 AM - usa (Usaku NAKAMURA)**

*- Backport changed from 2.0.0: UNKNOWN, 2.1: REQUIRED, 2.2: DONE to 2.0.0: UNKNOWN, 2.1: DONE, 2.2: DONE*

ruby_2_1 r52641 merged revision(s) 52476,52477.

## Files

| | | | |
|---|---|---|---|
| ruby_2015-10-19-221406_P607.crash | 18 KB | 10/19/2015 | k0kubun (Takashi Kokubun) |
| patch.diff | 549 Bytes | 10/19/2015 | k0kubun (Takashi Kokubun) |