

## Ruby master - Bug #17020

### ObjectSpace.trace\_object\_allocations\_stop raises if called before trace\_object\_allocations\_start

07/08/2020 01:06 PM - byroot (Jean Boussier)

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> byroot (Jean Boussier)	
<b>Target version:</b>	
<b>ruby -v:</b> ruby 2.5.8p224 (2020-03-31 revision 67882) [x86_64-darwin19]	<b>Backport:</b> 2.5: UNKNOWN, 2.6: UNKNOWN, 2.7: UNKNOWN
<b>Description</b> The error is easy to reproduce:  e.g. on Ruby 2.3:  <pre>\$ ruby -rojspace -e 'ObjectSpace.trace_object_allocations_stop' -e:1:in `trace_object_allocations_stop': wrong argument type false (expected tracepoint) (TypeError)     from -e:1:in `<main>'</main></pre> Up to ruby 2.7.1:  <pre>\$ ruby -rojspace -e 'ObjectSpace.trace_object_allocations_stop' Traceback (most recent call last):   1: from -e:1:in `<main>' -e:1:in `trace_object_allocations_stop': wrong argument type false (expected tracepoint) (TypeError)</main></pre> Patch: <a href="https://github.com/ruby/ruby/pull/3001">https://github.com/ruby/ruby/pull/3001</a>	

#### History

##### #1 - 07/09/2020 06:00 AM - nobu (Nobuyoshi Nakada)

- Assignee set to byroot (Jean Boussier)

A possible alternative might be an exception, I thought first, but it isn't a single condition. Could you add the test?

##### #2 - 07/09/2020 08:11 AM - byroot (Jean Boussier)

As explained in the PR, I have no idea how to write a regression test, because as long as ObjectSpace.trace\_object\_allocations\_start was called at least once in the program, it no longer fails afterwards. That is what led me to think it's a bug.

I can write test that calls trace\_object\_allocations\_stop but based on test ordering it might never fail on CI.

##### #3 - 08/04/2020 08:24 AM - byroot (Jean Boussier)

I added a regression test using assert\_separately.

##### #4 - 08/19/2020 03:18 PM - byroot (Jean Boussier)

I can't close, but this is fixed in a74df67244199d1fd1f7a20b49dd5a096d2a13a2

##### #5 - 08/19/2020 03:19 PM - tenderlovmaking (Aaron Patterson)

- Status changed from Open to Closed

I merged. Thanks for the patch