

Ruby master - Bug #11668

SEGV instead of SystemStackError when using the TracePoint API

11/09/2015 04:38 AM - deivid (David Rodríguez)

Status: Open	
Priority: Normal	
Assignee:	
Target version:	
ruby -v: ruby 2.3.0dev (2015-11-09 trunk 52499) [x86_64-linux]	Backport: 2.0.0: UNKNOWN, 2.1: UNKNOWN, 2.2: UNKNOWN
Description	
fixnum_monkey.rb	
<pre>class Fixnum define_method(:to_s) do *args to_default_s(*args) end alias_method :to_default_s, :to_s end</pre>	
If I use this code normally it gives me SystemStackError as expected	
<pre>\$ ruby -e "load('fixnum_monkey.rb'); 5.to_s" fixnum_monkey.rb:2:in `block in <class:Fixnum>': stack level too deep (SystemStackError) from fixnum_monkey.rb:3:in `block in <class:Fixnum>' from fixnum_monkey.rb:3:in `block in <class:Fixnum>' from fixnum_monkey.rb:3:in `block in <class:Fixnum>' from fixnum_monkey.rb:3:in `block in <class:Fixnum>' from fixnum_monkey.rb:3:in `block in <class:Fixnum>' from fixnum_monkey.rb:3:in `block in <class:Fixnum>' from fixnum_monkey.rb:3:in `block in <class:Fixnum>' from fixnum_monkey.rb:3:in `block in <class:Fixnum>' from fixnum_monkey.rb:3:in `block in <class:Fixnum>' ... 5804 levels... from fixnum_monkey.rb:3:in `block in <class:Fixnum>' from fixnum_monkey.rb:3:in `block in <class:Fixnum>' from fixnum_monkey.rb:3:in `block in <class:Fixnum>' from -e:1:in `<main>'</pre>	
But if I enable the return event of the TracePoint API before using it, I get a segfault	
<pre>\$ ruby -e "load('fixnum_monkey.rb'); TracePoint.trace(:return) { _tp }; 5.to_s" Violación de segmento</pre>	