

Ruby - Bug #16603

Passing number or symbol to kwargs splat causes segmentation fault

02/03/2020 07:53 AM - tompng (tomoya ishida)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	ruby 2.7.0p0 (2019-12-25 revision 647ee6f091) [x86_64-darwin19], ruby 2.8.0dev (2020-02-03T04:07:34Z master 0ab7f2f222) [x86_64-darwin19]	
Backport:		2.5: DONTNEED, 2.6: DONTNEED, 2.7: DONE
Description		
Passing 1 or :a as a kwargs splat to a c-lang defined method causes segmentation fault. (It was a TypeError in ruby 2.6.0)		
<pre>p **1 p **:a rand **1</pre>		
Passing it to an user-defined method won't cause segv, but it was a TypeError in ruby 2.6.0		
<pre>def p2*;end p2 **1 # nil (TypeError in ruby 2.6.0) p2 **:a # nil (TypeError in ruby 2.6.0) # these are ok a=1; p **a # TypeError a=:a; p **a # TypeError def p2*;end a=1; p2 **a # TypeError a=:a; p2 **a # TypeError</pre>		
Related issues:		
Has duplicate Ruby - Bug #17141: Crash when parsing malformed input		Closed

Associated revisions

Revision 11963da9e8e98821860fbb0c0f2adc118860c814 - 02/03/2020 08:54 AM - hanachin (Seiei Miyagi)

Check type of empty keyword [Bug #16603]

Co-authored-by: Yusuke Endoh mame@ruby-lang.org

Revision 11963da9e8e98821860fbb0c0f2adc118860c814 - 02/03/2020 08:54 AM - hanachin (Seiei Miyagi)

Check type of empty keyword [Bug #16603]

Co-authored-by: Yusuke Endoh mame@ruby-lang.org

Revision 11963da9 - 02/03/2020 08:54 AM - hanachin (Seiei Miyagi)

Check type of empty keyword [Bug #16603]

Co-authored-by: Yusuke Endoh mame@ruby-lang.org

Revision e778de2c82478dda930cfc8d795ed4e0e60ea775 - 09/06/2020 01:54 AM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 11963da9e8e98821860fbb0c0f2adc118860c814: [Backport #16603] [Backport #17141]

Check type of empty keyword [Bug #16603]

Co-authored-by: Yusuke Endoh <mame@ruby-lang.org>

Revision e778de2c82478dda930cfc8d795ed4e0e60ea775 - 09/06/2020 01:54 AM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 11963da9e8e98821860fbb0c0f2adc118860c814: [Backport #16603] [Backport #17141]

Check type of empty keyword [Bug #16603]

Co-authored-by: Yusuke Endoh <mame@ruby-lang.org>

Revision e778de2c - 09/06/2020 01:54 AM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 11963da9e8e98821860fbb0c0f2adc118860c814: [Backport #16603] [Backport #17141]

Check type of empty keyword [Bug #16603]

Co-authored-by: Yusuke Endoh <mame@ruby-lang.org>

History

#1 - 02/03/2020 08:48 AM - hanachin (Seiei Miyagi)

I created a patch for this bug.

<https://github.com/ruby/ruby/pull/2874>

#2 - 02/03/2020 08:55 AM - hanachin (Seiei Miyagi)

- Status changed from Open to Closed

Applied in changeset [git|11963da9e8e98821860fbb0c0f2adc118860c814](https://github.com/ruby/ruby/pull/2874).

Check type of empty keyword [Bug [#16603](#)]

Co-authored-by: Yusuke Endoh mame@ruby-lang.org

#3 - 09/06/2020 01:43 AM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.5: UNKNOWN, 2.6: UNKNOWN, 2.7: UNKNOWN to 2.5: DONTNEED, 2.6: DONTNEED, 2.7: REQUIRED

#4 - 09/06/2020 01:43 AM - nagachika (Tomoyuki Chikanaga)

- Has duplicate Bug #17141: Crash when parsing malformed input added

#5 - 09/06/2020 01:55 AM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.5: DONTNEED, 2.6: DONTNEED, 2.7: REQUIRED to 2.5: DONTNEED, 2.6: DONTNEED, 2.7: DONE

ruby_2_7 e778de2c82478dda930cfc8d795ed4e0e60ea775 merged revision(s) 11963da9e8e98821860fbb0c0f2adc118860c814.