

Ruby trunk - Bug #11236

inconsistent behavior using ** vs hash as method parameter

06/08/2015 09:05 PM - akostadinov (Aleksandar Kostadinov)

Status: Open	
Priority: Normal	
Assignee:	
Target version:	
ruby -v: ruby 2.2.2p95 (2015-04-13 revision 50295) [x86_64-linux]	Backport: 2.0.0: UNKNOWN, 2.1: UNKNOWN, 2.2: UNKNOWN
Description Using ruby 2.2.2 I see this work: <pre>[18] pry(main)> def test(cmd, opts={}) [18] pry(main)* puts cmd,opts [18] pry(main)* end => :test [19] pry(main)> test(:ads, :d => 6, :f => :gah, {a:3,b:4} => 3) ads {:d=>6, :f=>:gah, {a=>3, :b=>4}=>3} => nil</pre> But this fails: <pre>[2] pry(main)> def test(cmd, **opts) [2] pry(main)* puts cmd, opts [2] pry(main)* end [9] pry(main)> test(:ads, :d => 6, :f => :gah, {a:3,b:4} => 3) ArgumentError: wrong number of arguments (2 for 1) from (pry):2:in `test'</pre>	
Related issues: Related to Ruby trunk - Feature #14183: "Real" keyword argument Open	

History

#1 - 06/08/2015 09:15 PM - jeremyevans0 (Jeremy Evans)

This is expected behavior, keyword argument hashes only support symbol keys, not hash keys. I suppose the error message could be better, though.

#2 - 06/09/2015 07:39 AM - nobu (Nobuyoshi Nakada)

- Description updated

What message would be better?

#3 - 06/09/2015 08:25 AM - akostadinov (Aleksandar Kostadinov)

Nobuyoshi Nakada wrote:

What message would be better?

Unsupported key type?

btw what is the reason to have that limitation? Not that I need this functionality, I just happened to notice the difference...

#4 - 12/14/2017 07:24 AM - hsbt (Hiroshi SHIBATA)

- Related to Feature #14183: "Real" keyword argument added

#5 - 09/05/2018 04:11 PM - marcandre (Marc-Andre Lafortune)

When last argument is hash-like but has keys that are not symbols, we could output instead "wrong number of arguments (2 for 1); note that the last argument has keys that are not symbols and thus was not considered as keyword parameters"