

Ruby master - Bug #14176

Unclear error message when calling method with keyword arguments

12/13/2017 05:21 PM - vfonic (Viktor Fonic)

Status: Open	
Priority: Normal	
Assignee:	
Target version:	
ruby -v: ruby 2.4.2p198 (2017-09-14 revision 59899) [x86_64-darwin17]	Backport: 2.3: UNKNOWN, 2.4: UNKNOWN
Description I (wrongly) created a method with the following signature: <pre>def asd(first, options: {}); end</pre> (notice that options is a keyword argument) I called the method this way: <pre>asd(arg, options)</pre> And got the following misleading error: ArgumentError: wrong number of arguments (given 2, expected 1) It took me some time to realize that the options argument is a keyword argument: <pre>method(:asd) Object#asd(first, ?)</pre> It would be much more helpful if the error would mention this: ArgumentError: wrong number of arguments (given 2, expected 1 and 1 keyword argument: options) Thanks!	
Related issues: Related to Ruby master - Bug #13196: Improve keyword argument errors when non... Closed	

History

#1 - 12/13/2017 06:33 PM - marcandre (Marc-Andre Lafortune)

Note that Ruby 2.5 improves this since [#13196](#) if options has only symbol keys:

```
asd(42, {a:1}) # => ArgumentError: unknown keyword: a
```

I agree the message could still be improved as you suggest.

#2 - 12/13/2017 06:34 PM - marcandre (Marc-Andre Lafortune)

- Related to Bug #13196: Improve keyword argument errors when non-keyword arguments given added

#3 - 12/13/2017 06:34 PM - marcandre (Marc-Andre Lafortune)

- Subject changed from Calling method with keyword arguments inconsistent behavior to Unclear error message when calling method with keyword arguments