Ruby - Bug #7662

Unable to define a method with bare `**`

01/07/2013 07:06 AM - wycats (Yehuda Katz)

Status:	Closed		
Priority:	Normal		
Assignee:	nobu (Nobuyoshi Nakada)		
Target version:	2.6		
ruby -v:	2.0.0dev	**Backport:**	

Description

This works:

def foo(*)
end

This does not:

def foo(**)
end

This does not:

def foo(*, **)
end

I use bare * often in combination with bare super to extend a superclass without being brittle to its exact signature. With keyword arguments, this seems like it will be impossible. I am opening several other related issues.

Associated revisions

Revision e489dc1ff42ad3027319d7d01f4885164fdb410a - 01/07/2013 06:42 AM - nobu (Nobuyoshi Nakada)

parse.y: bare kwrest_mark

- parse.y (f_kwrest): allow bare kwrest_mark as valid syntax. its semantics is still undefined. [Bug #7662] [ruby-core:51269]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38725 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision e489dc1f - 01/07/2013 06:42 AM - nobu (Nobuyoshi Nakada)

parse.y: bare kwrest_mark

- parse.y (f_kwrest): allow bare kwrest_mark as valid syntax. its semantics is still undefined. [Bug #7662] [ruby-core:51269]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38725 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 01/07/2013 10:39 AM - matz (Yukihiro Matsumoto)

- Assignee set to nobu (Nobuyoshi Nakada)

- Target version set to 2.6

I consider this as a bug. Since it's minor issue, I defer fix to next minor.

Matz.

#2 - 01/07/2013 12:19 PM - nobu (Nobuyoshi Nakada)

=begin
You don't need (({**})) here.

A rest argument includes keyword hash if the method does not have keyrest argument.
=end

#3 - 01/07/2013 12:22 PM - Anonymous

=begin
I think this is important for consistency. Consider:

def f(a, b, **)
...
super
end
=end

#4 - 01/07/2013 12:25 PM - mame (Yusuke Endoh)

- Status changed from Open to Assigned

Thanks for your feedback. I'm neutral for bare ** itself.
But it is too late a bit to discuss the spec and there is an obvious workaround:

def foo(**dummy)
end

Of course, we can add bare `**' later (say, in 2.0.1).

BTW:

> I use bare * often in combination with bare super to extend a superclass without being brittle to its exact signature.

I don't think that it is a good idea to ignore arguments silently just for a bare super.
You should call super with explicit argument delegation if your overriding method changes the signature of its parent method.

#5 - 01/07/2013 03:42 PM - nobu (Nobuyoshi Nakada)

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

This issue was solved with changeset r38725.
Yehuda, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

---

parse.y: bare kwrest_mark

- parse.y (f_kwrest): allow bare kwrest_mark as valid syntax. its
  semantics is still undefined. [Bug #7662] [ruby-core:51269]