

## Ruby master - Bug #10016

### Deconstructing block arguments with a Hashable last element

07/08/2014 09:55 PM - brixen (Brian Shirai)

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Target version:</b> 2.2.0	
<b>ruby -v:</b> ruby 2.2.0dev (2014-06-05 trunk 46353) [x86_64-darwin13]	<b>Backport:</b> 2.0.0: WONTFIX, 2.1: DONE
<b>Description</b> The following code: <pre># destructure_bug.rb def m   x = Object.new   def x.to_hash() {x: 9} end    yield [1, 2, 3, x] end  p m {  a, *b, c, **k  [a, b, c, k] }</pre> gives: <pre>\$ ruby -v destructure_bug.rb ruby 2.1.2p95 (2014-05-08 revision 45877) [x86_64-darwin13.0] [#&lt;Object:0x007fc5fb212870&gt;, [nil], 1, {:x=&gt;9}]  \$ ruby -v destructure_bug.rb ruby 2.2.0dev (2014-06-05 trunk 46353) [x86_64-darwin13] [#&lt;Object:0x007f88c206c2a8&gt;, [nil], 1, {:x=&gt;9}]</pre> I would expect: [1, [2], 3, {:x=>9}]  Is this a bug?	

#### Associated revisions

##### Revision 813ad489 - 07/10/2014 06:02 AM - nobu (Nobuyoshi Nakada)

vm\_inshelper.c: fix implicit splat keyword argument

- vm\_inshelper.c (vm\_callee\_setup\_keyword\_arg): adjust VM stack pointer to get rid of overwriting splat arguments by arguments for to\_hash conversion. [ruby-core:63593] [Bug #10016]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@46775 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

##### Revision 46775 - 07/10/2014 06:02 AM - nobu (Nobuyoshi Nakada)

vm\_inshelper.c: fix implicit splat keyword argument

- vm\_inshelper.c (vm\_callee\_setup\_keyword\_arg): adjust VM stack pointer to get rid of overwriting splat arguments by arguments for to\_hash conversion. [ruby-core:63593] [Bug #10016]

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#### Revision 6ff49bf8 - 08/11/2014 01:22 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) r46775: [Backport #10016]

```
* vm_inshelper.c (vm_callee_setup_keyword_arg): adjust VM stack
  pointer to get rid of overwriting splat arguments by arguments
  for `to_hash` conversion. [ruby-core:63593] [Bug #10016]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_2\_1@47138 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

#### Revision 47138 - 08/11/2014 01:22 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) r46775: [Backport #10016]

```
* vm_inshelper.c (vm_callee_setup_keyword_arg): adjust VM stack
  pointer to get rid of overwriting splat arguments by arguments
  for `to_hash` conversion. [ruby-core:63593] [Bug #10016]
```

## History

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### #1 - 07/09/2014 11:31 AM - nobu (Nobuyoshi Nakada)

- *Description updated*
- *Category set to core*
- *Target version set to 2.2.0*
- *Backport changed from 2.0.0: UNKNOWN, 2.1: UNKNOWN to 2.0.0: REQUIRED, 2.1: REQUIRED*

Elements expanded on the VM stack are overwritten by calling `to_hash` method.

### #2 - 07/10/2014 06:03 AM - nobu (Nobuyoshi Nakada)

- *Status changed from Open to Closed*
- *% Done changed from 0 to 100*

Applied in changeset r46775.

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`vm_inshelper.c`: fix implicit splat keyword argument

- `vm_inshelper.c (vm_callee_setup_keyword_arg)`: adjust VM stack pointer to get rid of overwriting splat arguments by arguments for `to_hash` conversion. [ruby-core:63593] [Bug #10016]

### #3 - 08/11/2014 01:22 PM - nagachika (Tomoyuki Chikanaga)

- *Backport changed from 2.0.0: REQUIRED, 2.1: REQUIRED to 2.0.0: REQUIRED, 2.1: DONE*

Backported into `ruby_2_1` branch at r47138.

**#4 - 09/03/2014 04:15 AM - usa (Usaku NAKAMURA)**

- Backport changed from 2.0.0: *REQUIRED*, 2.1: *DONE* to 2.0.0: *WONTFIX*, 2.1: *DONE*