

## Ruby master - Bug #14817

### TracePoint#parameters for bmethod's return event should return the same value as its Method#parameters

06/03/2018 02:47 PM - ktsj (Kazuki Tsujimoto)

<b>Status:</b> Assigned	
<b>Priority:</b> Normal	
<b>Assignee:</b> ko1 (Koichi Sasada)	
<b>Target version:</b>	
<b>ruby -v:</b> ruby 2.6.0dev (2018-06-03 master 63562) [x86_64-linux]	<b>Backport:</b> 2.3: UNKNOWN, 2.4: UNKNOWN, 2.5: UNKNOWN
<b>Description</b>	
<pre>define_method(:bmethod){call/return TracePoint#parameters }  \$ cat t.rb define_method(:bm) { a   p method_parameters: method(:bm).parameters  trace = TracePoint.new(:call, :return){ tp    mid = tp.method_id   if mid == :bm     p mid: mid, event: tp.event, tp_parameters: tp.parameters   end } trace.enable{   bm(0) }  \$ ruby -v t.rb ruby 2.6.0dev (2018-06-03 master 63562) [x86_64-linux] {:method_parameters=&gt;[[:req, :a]]} {:mid=&gt;:bm, :event=&gt;:call, :tp_parameters=&gt;[[:req, :a]]} {:mid=&gt;:bm, :event=&gt;:return, :tp_parameters=&gt;[]} #=&gt; expected: {:mid=&gt;:bm, :event=&gt;:return , :tp_parameters=&gt;[[:req, :a]]}  call bmethod Method#parameters return</pre>	

### History

#### #1 - 06/03/2018 10:54 PM - mame (Yusuke Endoh)

TracePoint#parameters define\_method + TracePoint

```
define_method(:bm) {|a|

trace = TracePoint.new(:call, :return){|tp|
  p [tp.event, tp.lineno] if tp.method_id == :bm
}
trace.enable{
  bm(0)
}

$ ./miniruby test.rb
[:call, 1]
[:return, 7] #=> [:return, 1]
```

#### #2 - 06/03/2018 11:00 PM - mame (Yusuke Endoh)

- Assignee changed from mame (Yusuke Endoh) to ko1 (Koichi Sasada)

invoke\_bmethod vm\_exec EXEC\_EVENT\_HOOK(ec, RUBY\_EVENT\_RETURN, ...)

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#3 - 08/23/2018 07:10 AM - ko1 (Koichi Sasada)

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#4 - 08/23/2018 07:11 AM - ko1 (Koichi Sasada)

- Status changed from Assigned to Feedback

#5 - 12/10/2018 06:48 AM - ko1 (Koichi Sasada)

2.6 known issue 000000

2.7 define\_method 000 ISeq 00

#6 - 12/10/2018 06:49 AM - ko1 (Koichi Sasada)

- Target version changed from 2.6 to 2.7

#7 - 01/14/2019 07:33 AM - naruse (Yui NARUSE)

- Target version deleted (2.7)

#8 - 07/15/2019 02:51 AM - ko1 (Koichi Sasada)

- Status changed from Feedback to Assigned

2.7 define\_method 000 ISeq 00

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- (1) proc 000000
- (2) proc 0000000000000000 method iseq 000
- (3) 000000000000 proc 000

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```
foo_body = proc{|a, b| xxx}
def foo(a, b) # foo_body.parameters 000000000000000000000000000000000000000000000000000000000000000000
  foo_body[a, b]
end
```

000 optional 00 o = expr 000 optional 000000 rest 000 000 foo 0 method parameter 0 rest 000

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