

Ruby trunk - Bug #15634

TracePoint seems to be skipping some methods.

03/04/2019 09:56 AM - ioquatix (Samuel Williams)

Status: Open	
Priority: Normal	
Assignee:	
Target version:	
ruby -v: 2.6.1	Backport: 2.4: UNKNOWN, 2.5: UNKNOWN, 2.6: UNKNOWN
Description	
<pre>trace_point = TracePoint.new(:call, :return, :line, :c_call, :c_return, :b_call, :b_return) do trace puts [trace.path, trace.lineno].join(":") end trace_point.enable values = {foo: 10} def shell_escape(x) x end values.map{ key, value [key.to_s.upcase, shell_escape(value) # TracePoint is never triggered for this line.]}</pre>	

History

#1 - 03/05/2019 07:35 PM - ioquatix (Samuel Williams)

Here is more elaborate example:

```
#!/usr/bin/env ruby

trace_point = TracePoint.new(:call, :return, :line, :c_call, :c_return, :b_call, :b_return) do |trace|
  puts [trace.path, trace.lineno].join(":")
end

trace_point.enable

values = {foo: 10}

def shell_escape(x)
  x
end

values.map{|key, value| [
  key.to_s.upcase,
  shell_escape(value) # TracePoint is never triggered for this line.
]}
```

Here is output:

```
<internal:prelude>:137
<internal:prelude>:138
/private/var/folders/3x/tvygz10s65520b6t4tzqbt980000gn/T/8efd0295-4252-4947-a870-2c636bf2e120:9
/private/var/folders/3x/tvygz10s65520b6t4tzqbt980000gn/T/8efd0295-4252-4947-a870-2c636bf2e120:11
/private/var/folders/3x/tvygz10s65520b6t4tzqbt980000gn/T/8efd0295-4252-4947-a870-2c636bf2e120:11
/private/var/folders/3x/tvygz10s65520b6t4tzqbt980000gn/T/8efd0295-4252-4947-a870-2c636bf2e120:11
/private/var/folders/3x/tvygz10s65520b6t4tzqbt980000gn/T/8efd0295-4252-4947-a870-2c636bf2e120:15
/private/var/folders/3x/tvygz10s65520b6t4tzqbt980000gn/T/8efd0295-4252-4947-a870-2c636bf2e120:15
/private/var/folders/3x/tvygz10s65520b6t4tzqbt980000gn/T/8efd0295-4252-4947-a870-2c636bf2e120:15
/private/var/folders/3x/tvygz10s65520b6t4tzqbt980000gn/T/8efd0295-4252-4947-a870-2c636bf2e120:15
/private/var/folders/3x/tvygz10s65520b6t4tzqbt980000gn/T/8efd0295-4252-4947-a870-2c636bf2e120:15
/private/var/folders/3x/tvygz10s65520b6t4tzqbt980000gn/T/8efd0295-4252-4947-a870-2c636bf2e120:16
```

```
/private/var/folders/3x/tvygz10s65520b6t4tzqbt980000gn/T/8efd0295-4252-4947-a870-2c636bf2e120:16  
/private/var/folders/3x/tvygz10s65520b6t4tzqbt980000gn/T/8efd0295-4252-4947-a870-2c636bf2e120:16  
/private/var/folders/3x/tvygz10s65520b6t4tzqbt980000gn/T/8efd0295-4252-4947-a870-2c636bf2e120:16  
/private/var/folders/3x/tvygz10s65520b6t4tzqbt980000gn/T/8efd0295-4252-4947-a870-2c636bf2e120:16  
/private/var/folders/3x/tvygz10s65520b6t4tzqbt980000gn/T/8efd0295-4252-4947-a870-2c636bf2e120:11  
/private/var/folders/3x/tvygz10s65520b6t4tzqbt980000gn/T/8efd0295-4252-4947-a870-2c636bf2e120:12  
/private/var/folders/3x/tvygz10s65520b6t4tzqbt980000gn/T/8efd0295-4252-4947-a870-2c636bf2e120:13  
/private/var/folders/3x/tvygz10s65520b6t4tzqbt980000gn/T/8efd0295-4252-4947-a870-2c636bf2e120:18  
/private/var/folders/3x/tvygz10s65520b6t4tzqbt980000gn/T/8efd0295-4252-4947-a870-2c636bf2e120:15  
/private/var/folders/3x/tvygz10s65520b6t4tzqbt980000gn/T/8efd0295-4252-4947-a870-2c636bf2e120:15
```

Line 17 (the one marked by comment) is never executed.