

Backport191 - Backport #2728

ruby segfaults returning from dynamically defined method in ensure block

02/10/2010 01:26 AM - Ethan (Ethan -)

Status:	Assigned	
Priority:	Normal	
Assignee:	ko1 (Koichi Sasada)	
Description		
=begin As best as I can work out, the conditions to reproduce this crash are: 1. A begin/ensure block yields to a block passed by Enumerable (maybe passed by any compiled function?). 2. Control is forced to the ensure block from 'break' being called from Enumerable. 3. The ensure block contains a call to a dynamically defined method (created using define_method). 4. The dynamically defined method runs. 5. Instead of returning from the dynamically defined method, ruby segfaults (on windows XP), or bus errors (on OS X). Happens on both Windows XP and Mac OS X (10.5.8). Script to reproduce and output are attached. =end		
Related issues:		
Follows Ruby trunk - Bug #2729: `unexpected break' occurs when a proc is call...		Closed 02/10/2010

History

#1 - 02/10/2010 03:58 AM - kronos (Ivan Samsonov)

=begin
It is reproducing on ruby 1.9.1p243 Mac OS X 1.6
=end

#2 - 02/10/2010 04:44 AM - nobu (Nobuyoshi Nakada)

- Category set to core
- Status changed from Open to Closed

=begin
Fixed in r26628.
=end

#3 - 02/10/2010 04:45 AM - nobu (Nobuyoshi Nakada)

- Status changed from Closed to Assigned
- Assignee set to yugui (Yuki Sonoda)
- Priority changed from 5 to Normal

=begin
=end

#4 - 02/11/2010 01:50 AM - mame (Yusuke Endoh)

- Category set to core
- Assignee changed from yugui (Yuki Sonoda) to ko1 (Koichi Sasada)
- Priority changed from Normal to 5

=begin
r26628 caused new SEGV when executing rubyspec.
Though the detail is still under investigation, I temporarily reverted the commit.
It should not be backported to 1.9.1.

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Yusuke Endoh mame@tsg.ne.jp
=end

Files

ensure_dynamic_method.rb	647 Bytes	02/10/2010	Ethan (Ethan -)
ensure_dynamic_method_osx.output	3.43 KB	02/10/2010	Ethan (Ethan -)
ensure_dynamic_method_xp.output	1.27 KB	02/10/2010	Ethan (Ethan -)