

Ruby master - Bug #16620

[BUG] Segmentation fault at 0x0000000103bae000

02/10/2020 11:07 AM - bart@myfaro.be (Bart Vanhoutte)

Status: Closed	
Priority: Normal	
Assignee:	
Target version:	
ruby -v: ruby 2.5.7p206 (2019-10-01 revision 67816) [x86_64-darwin19]	Backport: 2.5: UNKNOWN, 2.6: UNKNOWN, 2.7: UNKNOWN
Description	
<p>I have started to see this bug today. I did not recently upgrade any gems. The trigger seems to be the first find of an instance of the User model. Here is the trace:</p> <pre>-- Control frame information ----- c:0100 p:---- s:0728 e:000727 CFUNC :index c:0099 p:0007 s:0723 e:000722 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/bootsnap-1.4.5/lib/bootsnap/compile_cache/yaml.rb:11 [FINISH] c:0098 p:---- s:0716 e:000715 CFUNC :fetch c:0097 p:0030 s:0709 e:000708 BLOCK /Users/bart/.rvm/gems/ruby-2.5.7/gems/bootsnap-1.4.5/lib/bootsnap/compile_cache/yaml.rb:50 [FINISH] c:0096 p:0012 s:0705 e:000704 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/i18n-1.8.2/lib/i18n/backend/base.rb:242 c:0095 p:0089 s:0699 e:000698 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/i18n-1.8.2/lib/i18n/backend/base.rb:225 c:0094 p:0007 s:0692 e:000691 BLOCK /Users/bart/.rvm/gems/ruby-2.5.7/gems/i18n-1.8.2/lib/i18n/backend/base.rb:18 [FINISH] c:0093 p:---- s:0688 e:000687 CFUNC :each c:0092 p:0028 s:0684 e:000683 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/i18n-1.8.2/lib/i18n/backend/base.rb:18 c:0091 p:0004 s:0679 e:000678 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/i18n-1.8.2/lib/i18n/backend/simple.rb:80 c:0090 p:0023 s:0675 e:000674 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/i18n-1.8.2/lib/i18n/backend/simple.rb:90 c:0089 p:0124 s:0666 e:000665 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/i18n-1.8.2/lib/i18n/backend/base.rb:32 c:0088 p:0015 s:0655 e:000654 BLOCK /Users/bart/.rvm/gems/ruby-2.5.7/gems/i18n-1.8.2/lib/i18n/backend/fallbacks.rb:48 [FINISH] c:0087 p:---- s:0651 e:000650 CFUNC :catch c:0086 p:0008 s:0646 e:000645 BLOCK /Users/bart/.rvm/gems/ruby-2.5.7/gems/i18n-1.8.2/lib/i18n/backend/fallbacks.rb:47 [FINISH] c:0085 p:---- s:0642 e:000641 CFUNC :each c:0084 p:0100 s:0638 e:000637 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/i18n-1.8.2/lib/i18n/backend/fallbacks.rb:45 c:0083 p:0034 s:0629 e:000628 BLOCK /Users/bart/.rvm/gems/ruby-2.5.7/gems/i18n-1.8.2/lib/i18n.rb:206 [FINISH] c:0082 p:---- s:0626 e:000625 CFUNC :catch c:0081 p:0069 s:0621 e:000620 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/i18n-1.8.2/lib/i18n.rb:202 c:0080 p:0046 s:0608 e:000607 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/mongoid-6.4.4/lib/mongoid/errors/mongoid_error.rb:49 c:0079 p:0021 s:0602 e:000601 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/mongoid-6.4.4/lib/mongoid/errors/mongoid_error.rb:64 c:0078 p:0012 s:0596 e:000595 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/mongoid-6.4.4/lib/mongoid/errors/mongoid_error.rb:23 c:0077 p:0010 s:0590 e:000588 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/mongoid-6.4.4/lib/mongoid/errors/invalid_find.rb:15 [FINISH] c:0076 p:---- s:0585 e:000584 CFUNC :new c:0075 p:0013 s:0581 e:000579 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/mongoid-6.4.4/lib/mongoid/criteria/findable.rb:139 c:0074 p:0021 s:0576 e:000575 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/mongoid-6.4.4/lib/mongoid/criteria/findable.rb:40 c:0073 p:0011 s:0570 e:000569 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/mongoid-6.4.4/lib/mongoid/findable.rb:94 c:0072 p:0066 s:0565 E:001240 METHOD /Users/bart/RubymineProjects/myFaro_development/app/controllers/home_controller.rb:8 c:0071 p:0012 s:0551 E:001270 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_controller/metal/basic_implicit_render.rb:6 c:0070 p:0010 s:0545 E:0012a0 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/abstract_controller/base.rb:194 c:0069 p:0031 s:0539 E:0012c8 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_controller/metal/rendering.rb:30 c:0068 p:0011 s:0534 E:000fc0 BLOCK /Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/abstract_controller/callbacks.rb:42 c:0067 p:0113 s:0531 E:001468 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/activesupport-5.2.3/lib/active_support/callbacks.rb:132 c:0066 p:0007 s:0521 E:0014a8 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/abstract_controller/callbacks.rb:41</pre>	

c:0065 p:0010 s:0516 E:002230 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_controller/metal/rescue.rb:22
c:0064 p:0011 s:0510 E:001790 BLOCK
/Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_controller/metal/instrumentation.rb:34
c:0063 p:0011 s:0505 E:0025f0 BLOCK
/Users/bart/.rvm/gems/ruby-2.5.7/gems/activerecord-5.2.3/lib/active_record/notifications.rb:168
c:0062 p:0018 s:0502 E:001870 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/activerecord-5.2.3/lib/active_record/notifications/instrumenter.rb:23
c:0061 p:0027 s:0494 E:0017f0 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/activerecord-5.2.3/lib/active_record/notifications.rb:168
c:0060 p:0104 s:0488 E:002260 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_controller/metal/instrumentation.rb:32
c:0059 p:0100 s:0482 E:0018c0 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_controller/metal/params_wrapper.rb:256
c:0058 p:0023 s:0474 E:0018f0 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/mongoid-6.4.4/lib/mongoid/railties/controller_runtime.rb:19
c:0057 p:0081 s:0468 E:001928 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/abstract_controller/base.rb:134
c:0056 p:0061 s:0461 E:001960 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/actionview-5.2.3/lib/action_view/rendering.rb:32
c:0055 p:0236 s:0455 E:0019b8 BLOCK
/Users/bart/.rvm/gems/ruby-2.5.7/gems/rack-mini-profiler-1.1.4/lib/mini_profiler/profiling_methods.rb:104 [FINISH]
c:0054 p:0020 s:0445 E:0019f8 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_controller/metal.rb:191
c:0053 p:0042 s:0438 E:001a38 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_controller/metal.rb:252
c:0052 p:0011 s:0431 E:001a80 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_dispatch/routing/route_set.rb:52
c:0051 p:0041 s:0423 E:001ac0 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_dispatch/routing/route_set.rb:34
c:0050 p:0135 s:0415 E:0023b8 BLOCK
/Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_dispatch/journey/router.rb:52 [FINISH]
c:0049 p:---- s:0403 e:000402 CFUNC :each
c:0048 p:0010 s:0399 E:002348 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_dispatch/journey/router.rb:35
c:0047 p:0041 s:0394 E:0023f0 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_dispatch/routing/route_set.rb:840
c:0046 p:0043 s:0388 E:001660 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/pdfkit-0.8.4.1/lib/pdfkit/middleware.rb:20
c:0045 p:0009 s:0376 E:001688 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/pdfkit-0.8.4.1/lib/pdfkit/middleware.rb:12
c:0044 p:0043 s:0371 E:0016f0 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/pdfkit-0.8.4.1/lib/pdfkit/middleware.rb:20
c:0043 p:0009 s:0359 E:001718 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/pdfkit-0.8.4.1/lib/pdfkit/middleware.rb:12
c:0042 p:0020 s:0354 E:002420 BLOCK /Users/bart/.rvm/gems/ruby-2.5.7/gems/warden-1.2.8/lib/warden/manager.rb:36 [FINISH]
c:0041 p:---- s:0351 e:000350 CFUNC :catch
c:0040 p:0064 s:0346 E:001750 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/warden-1.2.8/lib/warden/manager.rb:34
c:0039 p:0036 s:0340 E:001798 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/rack-2.1.1/lib/rack/tempfile_reaper.rb:17
c:0038 p:0008 s:0331 E:0017f8 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/rack-2.1.1/lib/rack/etag.rb:27
c:0037 p:0049 s:0320 E:001118 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/rack-2.1.1/lib/rack/conditional_get.rb:27
c:0036 p:0008 s:0311 E:001160 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/rack-2.1.1/lib/rack/head.rb:14
c:0035 p:0024 s:0303 E:0011c0 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_dispatch/http/content_security_policy.rb:18
c:0034 p:0030 s:0291 E:001218 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/rack-2.1.1/lib/rack/session/abstract/id.rb:277
c:0033 p:0006 s:0280 E:001248 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/rack-2.1.1/lib/rack/session/abstract/id.rb:271
c:0032 p:0024 s:0275 E:0012a0 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_dispatch/middleware/cookies.rb:670
c:0031 p:0009 s:0265 E:001820 BLOCK
/Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_dispatch/middleware/callbacks.rb:28
c:0030 p:0029 s:0262 E:001d38 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/activerecord-5.2.3/lib/active_record/callbacks.rb:98
c:0029 p:0010 s:0253 E:0012d8 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_dispatch/middleware/callbacks.rb:26
c:0028 p:0016 s:0246 E:0009e0 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_dispatch/middleware/executor.rb:14
c:0027 p:0008 s:0238 E:000a10 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/better_errors-2.5.1/lib/better_errors/middleware.rb:84
c:0026 p:0027 s:0232 E:002178 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/better_errors-2.5.1/lib/better_errors/middleware.rb:79
c:0025 p:0014 s:0227 E:0021a8 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/better_errors-2.5.1/lib/better_errors/middleware.rb:57
c:0024 p:0024 s:0222 E:002208 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_dispatch/middleware/debug_exceptions.rb:61

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c:0023 p:0024 s:0211 E:002248 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_dispatch/middleware/show_exceptions.rb:33
c:0022 p:0042 s:0204 E:000460 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/railties-5.2.3/lib/rails/rack/logger.rb:38
c:0021 p:0009 s:0194 E:000a90 BLOCK /Users/bart/.rvm/gems/ruby-2.5.7/gems/railties-5.2.3/lib/rails/rack/logger.rb:26
c:0020 p:0004 s:0191 E:000870 BLOCK
/Users/bart/.rvm/gems/ruby-2.5.7/gems/activerecord-5.2.3/lib/active_record/tagged_logging.rb:71
c:0019 p:0013 s:0188 E:002340 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/activerecord-5.2.3/lib/active_record/tagged_logging.rb:28
c:0018 p:0012 s:0182 E:0022d8 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/activerecord-5.2.3/lib/active_record/tagged_logging.rb:71
c:0017 p:0041 s:0177 E:002280 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/railties-5.2.3/lib/rails/rack/logger.rb:26
c:0016 p:0053 s:0171 E:002380 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_dispatch/middleware/remote_ip.rb:81
c:0015 p:0039 s:0165 E:0023b0 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_dispatch/middleware/request_id.rb:27
c:0014 p:0091 s:0159 E:0007b0 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/rack-2.1.1/lib/rack/method_override.rb:24
c:0013 p:0020 s:0153 E:000800 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/rack-2.1.1/lib/rack/runtime.rb:24
c:0012 p:0016 s:0143 E:000840 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_dispatch/middleware/executor.rb:14
c:0011 p:0083 s:0135 E:000880 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_dispatch/middleware/static.rb:127
c:0010 p:0008 s:0127 E:0008e0 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/rack-2.1.1/lib/rack/sendfile.rb:113
c:0009 p:1050 s:0115 E:0009d8 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/rack-mini-profiler-1.1.4/lib/mini_profiler/profiler.rb:296
c:0008 p:0083 s:0084 E:001730 METHOD
/Users/bart/.rvm/gems/ruby-2.5.7/gems/actionpack-5.2.3/lib/action_dispatch/middleware/static.rb:127
c:0007 p:0020 s:0076 E:0013b0 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/railties-5.2.3/lib/rails/engine.rb:524
c:0006 p:0026 s:0070 E:000668 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/puma-4.3.1/lib/puma/configuration.rb:228
c:0005 p:0263 s:0065 E:0014f8 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/puma-4.3.1/lib/puma/server.rb:681
c:0004 p:0029 s:0040 E:001ec0 METHOD /Users/bart/.rvm/gems/ruby-2.5.7/gems/puma-4.3.1/lib/puma/server.rb:472
c:0003 p:0065 s:0026 E:000a38 BLOCK /Users/bart/.rvm/gems/ruby-2.5.7/gems/puma-4.3.1/lib/puma/server.rb:328 [FINISH]
c:0002 p:0107 s:0016 E:001f40 BLOCK /Users/bart/.rvm/gems/ruby-2.5.7/gems/puma-4.3.1/lib/puma/thread_pool.rb:134 [FINISH]
c:0001 p:---- s:0003 e:000002 (none) [FINISH]

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History

#1 - 02/22/2020 06:55 PM - jeremyevans0 (Jeremy Evans)

- Status changed from Open to Feedback

Can you please run the failing code from the command line and include the output? The awd files provided are binary files and I have no idea how to read them, and the diag file doesn't include the necessary information.

It appears that the exception occurs inside bootsnap, but I don't know where the index method is defined. Could be String#index looking at the code, but I'm not sure. With a corrupt string, that could result in a segfault. Anyway, if you could reduce this to a minimal reproducible example, we might be able to help, but with the information given I don't think we can do anything.

#2 - 03/27/2020 06:43 PM - jeremyevans0 (Jeremy Evans)

- Status changed from Feedback to Closed

Files

File Name	Size	Date	Owner
awdd_2020-02-10-113648-1_Barts-MacBook-Pro.awd	4.16 KB	02/10/2020	bart@myfaro.be (Bart Vanhoutte)
rubymine_2020-02-10-115409_Barts-MacBook-Pro.wakeups_resource.diag	36.8 KB	02/10/2020	bart@myfaro.be (Bart Vanhoutte)
awdd_2020-02-10-113648_Barts-MacBook-Pro.awd	11.7 KB	02/10/2020	bart@myfaro.be (Bart Vanhoutte)