

## Ruby trunk - Bug #15288

### RUBY\_DEBUG=gc\_stress dumps core

11/07/2018 08:19 AM - shyouhei (Shyouhei Urabe)

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> ko1 (Koichi Sasada)	
<b>Target version:</b> 2.6	
<b>ruby -v:</b> ruby 2.6.0dev (2018-11-07 trunk 65593) [x86_64-darwin15]	<b>Backport:</b> 2.3: UNKNOWN, 2.4: UNKNOWN, 2.5: UNKNOWN
<b>Description</b>	
<pre>zsh % RUBY_DEBUG=gc_stress lldb -- ./miniruby -vep (lldb) target create "./miniruby" Current executable set to './miniruby' (x86_64). (lldb) settings set -- target.run-args "-vep" (lldb) run Process 7103 launched: './miniruby' (x86_64) Process 7103 stopped * thread #1: tid = 0x68415, 0x0000000100233e17 miniruby`rb_postponed_job_register_one + 14 at vm_trace.c:1614, queue = 'com.apple.main-thread', stop reason = EXC_BAD_ACCESS (code=1, address=0x0)   frame #0: 0x0000000100233e17 miniruby`rb_postponed_job_register_one + 14 at vm_trace.c:1614     1611     }     1612     1613     /* unused: pjob-&gt;flags = flags; */ -&gt; 1614     pjob-&gt;func = func;     1615     pjob-&gt;data = data;     1616     1617     RUBY_VM_SET_POSTPONED_JOB_INTERRUPT(ec); (lldb) bt * thread #1: tid = 0x68415, 0x0000000100233e17 miniruby`rb_postponed_job_register_one + 14 at vm_trace.c:1614, queue = 'com.apple.main-thread', stop reason = EXC_BAD_ACCESS (code=1, address=0x0)   * frame #0: 0x0000000100233e17 miniruby`rb_postponed_job_register_one + 14 at vm_trace.c:1614     frame #1: 0x0000000100233e09 miniruby`rb_postponed_job_register_one + 26     frame #2: 0x0000000100233def miniruby`rb_postponed_job_register_one(flags=&lt;unavailable&gt;, func=(miniruby`transient_heap_evacuate at transient_heap.c:726), data=0x0000000000000000) + 95     frame #3: 0x00000001000a5fa4 miniruby`gc_marks_finish(objspace=0x0000000100600390) + 740 at gc.c:5763     frame #4: 0x00000001000a7afd miniruby`gc_marks_rest(objspace=0x0000000100600390) + 477 at gc.c:5798     frame #5: 0x00000001000a86ba miniruby`gc_rest(objspace=0x0000000100600390) + 218 at gc.c:6684     frame #6: 0x00000001000a889c miniruby`garbage_collect(objspace=0x0000000100600390, reason=256) + 60 at gc.c:6558     frame #7: 0x00000001000a984d miniruby`newobj_slowpath_wb_unprotected(klass=4320248680, flags=12, v1=4298399200, v2=1, v3=4301269008, objspace=0x0000000100600390) + 253 at gc.c:1913     frame #8: 0x00000001000754d1 miniruby`Init_Encoding + 705 at encoding.c:99     frame #9: 0x00000001000baa7c miniruby`rb_call_inits + 44 at inits.c:28     frame #10: 0x000000010008f72f miniruby`ruby_setup + 143 at eval.c:74     frame #11: 0x000000010008f7a9 miniruby`ruby_init + 9 at eval.c:91     frame #12: 0x000000010023b34d miniruby`main(argc=&lt;unavailable&gt;, argv=&lt;unavailable&gt;) + 77 at main.c:41     frame #13: 0x00007fff9966a5ad libdyld.dylib`start + 1     frame #14: 0x00007fff9966a5ad libdyld.dylib`start + 1 (lldb)</pre>	
<b>Related issues:</b>	
Related to Ruby trunk - Bug #12492: RUBY_DEBUG=gc_stress dumps core	<b>Closed</b>

#### Associated revisions

##### Revision 8634e62a - 11/08/2018 05:35 AM - ko1 (Koichi Sasada)

initialize VM postponed\_job first. [Bug #15288]

- inits.c: call Init\_vm\_postponed\_job first because postponed\_job is used by transient heap.

**Revision 65628 - 11/08/2018 05:35 AM - ko1 (Koichi Sasada)**

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**History**

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**#1 - 11/07/2018 08:23 AM - shyouhei (Shyouhei Urabe)**

- Related to Bug #12492: RUBY\_DEBUG=gc\_stress dumps core added

**#2 - 11/08/2018 05:35 AM - ko1 (Koichi Sasada)**

- Status changed from Open to Closed

Applied in changeset [trunk|r65628](#).

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- inits.c: call Init\_vm\_postponed\_job first because postponed\_job is used by transient heap.