

Ruby master - Bug #15263

[PATCH] vm_trace.c (postponed_job_register): only hit main thread

10/27/2018 11:35 PM - normalperson (Eric Wong)

Status: Open	
Priority: Normal	
Assignee: ko1 (Koichi Sasada)	
Target version:	
ruby -v:	Backport: 2.3: UNKNOWN, 2.4: UNKNOWN, 2.5: UNKNOWN
Description	
<pre>vm_trace.c (postponed_job_register): only hit main thread Since postponed_job_register may be called in a signal handler, only the main thread is safe to touch as other threads may become invalid. Furthermore, the problem with trap interrupt being lost during ec_switch [Bug #14939] also applies to the postponed job and timer interrupts, so we need to preserve all three interrupts in ec_switch. Note: A minor problem is a possible crash during/after ruby_vm_destruct if postponed jobs are registered. The correct and performant fix would be to leak memory at exit for `vm' and `vm->main_thread'. free(3) slows down short-lived scripts, as does unregistering signal handlers. * vm_trace.c (postponed_job_register): only hit main thread * cont.c (ec_switch): preserve postponed and timer interrupt flags, too</pre>	

Files

0001-vm_trace.c-postponed_job_register-only-hit-main-thre.patch	5.15 KB	10/27/2018	normalperson (Eric Wong)
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