

Ruby - Bug #6699

rb_barrier_wait() gets blocked when running within a Thread.new { }

07/04/2012 07:52 PM - ibc (Iñaki Baz Castillo)

Status:	Closed	Backport:
Priority:	Normal	
Assignee:		
Target version:	2.0.0	
ruby -v:	ruby 2.0.0dev (2012-07-03 trunk 36272) [x86_64-linux]	
Description		
<p>In my Ruby C extension I use <code>rb_barrier_wait(MY_BARRIER)</code> in a method. It works perfectly but I've realized of a case in which it gets blocked:</p> <pre>Thread.new do MyExten.my_method end</pre> <p>In this case the C function <code>rb_barrier_wait(MY_BARRIER)</code> gets blocked (note that I don't call it from other place). So this seems a conflict of the new Thread and <code>rb_barrier_wait()</code>, it seems that they both try to access to the same shared resource. Is it the expected behavior?</p>		

History

#1 - 07/05/2012 12:47 PM - kosaki (Motohiro KOSAKI)

Please don't use rb_barrier_wait(). It doesn't have barrier semantics. Moreover, It is not a public API. We might remove it in future release.

#2 - 07/06/2012 05:53 PM - ibc (Iñaki Baz Castillo)

Thanks for the clarification.

#3 - 07/14/2012 06:17 PM - kosaki (Motohiro KOSAKI)

- Status changed from Open to Closed