

Ruby trunk - Feature #4607

benchmark/bm_vm3_thread_mutex.rb

04/25/2011 12:16 AM - kosaki (Motohiro KOSAKI)

Status:	Closed
Priority:	Normal
Assignee:	kosaki (Motohiro KOSAKI)
Target version:	1.9.3
Description	
<pre>=begin mutex 1.8.x 1.9.x </pre>	
bm_vm3_thread_mutex.rb	
<pre>require 'thread' m = Mutex.new r = 0 max = 1000 (1..max).map{ Thread.new{ i=0 while i<max i+=1 m.synchronize{ r += 1 } } } }.each{ e e.join }</pre>	
raise r.to_s if r != max * max	
<pre>1.8.7 1.106 sec 1.9.3dev 109.064 sec</pre>	
<pre>make benchmark</pre>	
<pre>rb_mutex_lock() last_thread race lock_func() GVL sleep lock_func sched_yield() CPU preemption last_thread rb_check_deadlock()</pre>	
<pre>100msec cond_wait</pre>	
<pre>1.8.7 1.106 sec 1.9.3dev 109.064 sec w/ patch 16.331 sec</pre>	
<pre>make test-all, make benchmark</pre>	
<pre>=end</pre>	

History

#1 - 04/29/2011 10:17 AM - kosaki (Motohiro KOSAKI)

- Status changed from Open to Closed

- Assignee set to kosaki (Motohiro KOSAKI)

- Target version set to 1.9.3

```
=begin
r31373
=end
```

#2 - 04/29/2011 12:23 PM - matz (Yukihiro Matsumoto)

```
=begin
|
```

In message "Re: [ruby-dev:43454] [Ruby 1.9 - Feature #4607][Closed] benchmark/bm_vm3_thread_mutex.rb |" on Fri, 29 Apr 2011 10:17:26 +0900, Motohiro KOSAKI kosaki.motohiro@gmail.com writes:

```
|100msec|cond_wait|
|1.8.7 1.106 sec
|1.9.3dev 109.064 sec
|w/ patch 16.331 sec
|
|make test-all, make benchmark
```

```
|
=end
```

#3 - 04/29/2011 12:23 PM - matz (Yukihiro Matsumoto)

```
=begin
|
```

In message "Re: [ruby-dev:43454] [Ruby 1.9 - Feature #4607][Closed] benchmark/bm_vm3_thread_mutex.rb |" on Fri, 29 Apr 2011 10:17:26 +0900, Motohiro KOSAKI kosaki.motohiro@gmail.com writes:

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|100msec|cond_wait|
|1.8.7 1.106 sec
|1.9.3dev 109.064 sec
|w/ patch 16.331 sec
|
|make test-all, make benchmark
```

```
|
=end
```

Files

mutex-benchmark-result.txt	2.26 KB	04/25/2011	kosaki (Motohiro KOSAKI)
0001-mutex-fix-silly-last_thread-handling.patch	3 KB	04/25/2011	kosaki (Motohiro KOSAKI)