

Ruby master - Bug #4723

Bug # 4696 (Closed): thread.c#lock_func() spurious wakeup unsafe

check_deadlock_i transition_for_lock thread unsafe

05/17/2011 10:48 PM - kosaki (Motohiro KOSAKI)

Status: Closed	
Priority: Normal	
Assignee: kosaki (Motohiro KOSAKI)	
Target version: 1.9.3	
ruby -v: ruby 1.9.3dev (2011-05-13 trunk 31548) [x86_64-linux]	Backport:

Description

kosaki

transition_for_lock volatile

```
volatile
UP(CPU)
```

```
transition_for_lock
```

```
lock_func() transition_for_lock lock_func
GVL mutex->th RUBY_VM_INTERRUPTED(th)
check_deadlock_i()
GVL mutex->lock
GVL mutex->lock vm->sleeper
vm->sleeper mutex->cond_waiting
check_deadlock_i()
```

Associated revisions

Revision f0041fa0 - 06/12/2011 06:58 AM - kosaki (Motohiro KOSAKI)

- thread.c: remove th->transition_for_lock. It's thread unsafe. [Bug #4723][ruby-dev:43563]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@32022 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 32022 - 06/12/2011 06:58 AM - kosaki (Motohiro KOSAKI)

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History

#1 - 06/11/2011 07:14 PM - kosaki (Motohiro KOSAKI)

deadlock check URL

<http://markmail.org/message/xxlb4hnai54etixu#query:+page:1+mid:4ekc6xwdubrjno5r+state:results>

#2 - 06/12/2011 03:58 PM - kosaki (Motohiro KOSAKI)

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

This issue was solved with changeset r32022.
Motohiro, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

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Files

0001-remove-transition_for_lock.patch	3.04 KB	05/17/2011	kosaki (Motohiro KOSAKI)
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