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

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

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
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<td>Target version:</td>
<td>2.0.0</td>
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<tr>
<td>ruby -v:</td>
<td>ruby 2.0.0dev (2012-07-03 trunk 36272) [x86_64-linux]</td>
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<td>Backport:</td>
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**Description**

In my Ruby C extension I use rb_barrier_wait(MY_BARRIER) in a method. It works perfectly but I've realized of a case in which it gets blocked:

```
Thread.new do
  MyExten.my_method
end
```

In this case the C function rb_barrier_wait(MY_BARRIER) gets blocked (note that I don't call if from other place). So this seems a conflict of the new Thread and rb_barrier_wait(), it seems that they both try to access to the same shared resource. Is it the expected behavior?

**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