Ruby master - Bug #7570

rb_fatal() in Fiber don't terminate process

12/16/2012 02:01 AM - nagachika (Tomoyuki Chikanaga)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>ko1 (Koichi Sasada)</td>
</tr>
<tr>
<td>Target version:</td>
<td>2.0.0</td>
</tr>
<tr>
<td>Backport:</td>
<td></td>
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**Description**

rb_fatal() (C function) should terminate whole script.

Thread.start{
  rb_fatal() # a extension library method calling rb_fatal()
}.resume
p :ng  #=> never reached here

But rb_fatal() inside Fiber could be ignored.

Fiber.start{
  rb_fatal()
}.resume
p :ng  #=> reached here!

I think it's because TAG_FATAL is ignored in rb_vm_make_jump_tag_but_local_jump().
I'll attach a patch with a testcase.

**History**

#1 - 12/18/2012 05:47 AM - ko1 (Koichi Sasada)
  - Assignee set to ko1 (Koichi Sasada)
  - Target version set to 2.0.0

Thank you for your report.

Your patch seems good and passed test-all on my environment.
Could you commit it?

#2 - 12/18/2012 11:03 PM - nagachika (Tomoyuki Chikanaga)
  - Status changed from Open to Closed

Thank you for your review.
I've committed at r38441.

**Files**

<table>
<thead>
<tr>
<th>File</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
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<tbody>
<tr>
<td>fatal_in_fiber.patch</td>
<td>1.63 KB</td>
<td>12/16/2012</td>
<td>nagachika (Tomoyuki Chikanaga)</td>
</tr>
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