

Ruby trunk - Bug #7088

Documentation of Timeout::timeout is wrong about which thread executes the block

09/30/2012 01:00 AM - rkleme (Robert Klemme)

Status:	Closed	
Priority:	Normal	
Assignee:	zzak (Zachary Scott)	
Target version:	2.0.0	
ruby -v:	ruby 1.9.3p194 (2012-04-20) [i686-linux]	Backport:
Description		
<p>See http://rubydoc.info/stdlib/timeout/Timeout#timeout-class_method - it reads "The block will be executed on another thread and will be given one argument: sec." If you make the source code visible or look into the file timeout.rb in the library you'll see that the block is invoked from the current (calling) thread. The comment reads as if the author had wanted to do an implementation like this:</p> <pre>def timeout_1(timeout, &code) raise ArgumentError, "Invalid timeout: %p" % [timeout] unless timeout > 0 raise ArgumentError, "No code to execute" if code.nil? worker = Thread.new(&code) worker.join(timeout) and worker.value end</pre> <p>Note: this avoids bug #4285 at the expense of a potentially longer running thread. Killing the background thread would suffer the same issues.</p>		

Associated revisions

Revision 17821595 - 10/11/2012 08:26 PM - zzak (Zachary Scott)

- lib/timeout.rb (timeout): Remove paragraph on wrong implementation detail. [ruby-core:47739] [Bug #7088]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@37145 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 37145 - 10/11/2012 08:26 PM - zzak (Zachary Scott)

- lib/timeout.rb (timeout): Remove paragraph on wrong implementation detail. [ruby-core:47739] [Bug #7088]

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History

#1 - 09/30/2012 01:33 AM - drbrain (Eric Hodel)

- Category set to doc
- Target version set to 2.0.0

#2 - 10/07/2012 04:41 AM - zzak (Zachary Scott)

- Assignee set to zzak (Zachary Scott)

#3 - 10/12/2012 03:29 AM - zzak (Zachary Scott)

How about we change that to: "The block will be executed on the current thread and will be given one argument: sec. While, the timer for sec number of seconds will run in another thread".

#4 - 10/12/2012 05:04 AM - drbrain (Eric Hodel)

I think deleting the paragraph would be sufficient. We don't need to reveal the implementation details of timeout.

#5 - 10/12/2012 05:26 AM - zzak (Zachary Scott)

- Status changed from Open to Closed
- % Done changed from 0 to 100

This issue was solved with changeset [r37145](#).

Robert, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.

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