

Ruby master - Bug #6726

Syslog crashes when the special %m tag (of syslog(3)) is present in the message

07/12/2012 11:08 PM - ameuret (Arnaud MEURET)

Status: Closed	
Priority: Normal	
Assignee: knu (Akinori MUSHA)	
Target version:	
ruby -v: ruby 1.9.2p180 (2011-02-18 revision 30909) [i686-linux]	Backport:
Description	
<p>The %m special escape sequence supported by the syslog(3) system call is claimed by the Ruby doc to be supported by the ::Syslog Ruby class. However the implementation of ::Syslog in ext/syslog/syslog.c:49 (https://github.com/ruby/ruby/blob/trunk/ext/syslog/syslog.c#L49) calls rb_f_sprintf() which does not tolerate the presence of %m in the format string.</p> <p>A quick dump of a pry session demonstrating the crash:</p> <pre>[1] pry(main)> require 'syslog' => true [2] pry(main)> Syslog.open => <#Syslog: opened=true, ident="pry", options=3, facility=8, mask=255> [3] pry(main)> ::Syslog.info "Hi !%m" ArgumentError: malformed format string - %m from (pry):3:in `info'</pre>	

Associated revisions

Revision 2b644119 - 08/05/2019 11:10 PM - jeremyevans (Jeremy Evans)

Remove documentation of %m in Syslog

Fixes [Bug #6726]

History

#1 - 07/13/2012 05:22 AM - nobu (Nobuyoshi Nakada)

=begin
I think the following document introduced at [#4149](#) is wrong, since ((!errno)) is C-level interface and not available in Ruby-level, and may not be preserved across method calls.

%m is replaced with the error message string that would be returned by strerror(errno).

So possible fixes would be:

- (1) fix document, by removing above sentence.
- (2) replace %m with other thing, \$! for example.

The latter sounds useful, but will be larger change.
=end

#2 - 07/13/2012 06:50 AM - drbrain (Eric Hodel)

- Category set to ext
- Assignee set to knu (Akinori MUSHA)
- Priority changed from 3 to Normal

#3 - 07/13/2012 09:35 AM - kosaki (Motohiro KOSAKI)

I recommend to just remove the doc. If anyone want pretty print \$!, It should be used original and unique format string, not %m.

#4 - 07/14/2012 06:42 PM - mame (Yusuke Endoh)

- Status changed from Open to Assigned

#5 - 08/05/2019 11:17 PM - jeremyevans (Jeremy Evans)

- Status changed from Assigned to Closed

Applied in changeset [git|2b6441196ef32d93c7898764610a913f54f8bc32](#).

Remove documentation of %m in Syslog

Fixes [Bug [#6726](#)]