

Ruby trunk - Feature #13639

Add "RTMIN" and "RTMAX" to Signal.list

06/08/2017 05:22 AM - ksss (Yuki Kurihara)

Status:	Open
Priority:	Normal
Assignee:	
Target version:	
Description	
<p>I propose to add the key "RTMIN" and "RTMAX" to Signal.list</p> <p>Currently, We can't know signal number for realtime-signal at own environment in Ruby. And it's not portable if hard code number literal.</p> <p>So, How about this idea?</p> <p>Use case:</p> <pre>unless Signal.list["RTMIN"] raise "realtime-signal does not supported" end MY_SIGNAL = Signal.list["RTMIN"] + 1 Signal.trap(MY_SIGNAL) do i puts "Hello MY_SIGNAL" end Process.kill(MY_SIGNAL, \$\$) #=> "Hello MY_SIGNAL"</pre> <p>Patch:</p> <pre>diff --git a/signal.c b/signal.c index 8ee0963b8a..f17836350a 100644 --- a/signal.c +++ b/signal.c @@ -1381,6 +1381,12 @@ sig_list(void) for (sigs = siglist; sigs->signm; sigs++) { rb_hash_aset(h, rb_fstring_cstr(sigs->signm), INT2FIX(sigs->signo)); } +#ifdef SIGRTMIN + rb_hash_aset(h, rb_fstring_cstr("RTMIN"), INT2FIX(SIGRTMIN)); +#endif +#ifdef SIGRTMAX + rb_hash_aset(h, rb_fstring_cstr("RTMAX"), INT2FIX(SIGRTMAX)); +#endif return h; }</pre> <p>Inspired by https://github.com/ksss/mruby-signal/pull/3 and @takumakume</p>	

History

#1 - 08/31/2017 09:06 AM - matz (Yukihiro Matsumoto)

I propose

- Signal::RTMIN
- Signal::RTMAX

instead.

Matz.