

## Ruby master - Feature #13639

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

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

<b>Status:</b>	Open
<b>Priority:</b>	Normal
<b>Assignee:</b>	
<b>Target version:</b>	
<b>Description</b>	
I propose to add the key "RTMIN" and "RTMAX" to Signal.list	
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.	
So, How about this idea?	
<b>Use case:</b>	
<pre>unless Signal.list["RTMIN"]   raise "realtime-signal does not supported" end</pre>	
<pre>MY_SIGNAL = Signal.list["RTMIN"] + 1</pre>	
<pre>Signal.trap(MY_SIGNAL) do  i    puts "Hello MY_SIGNAL" end</pre>	
<pre>Process.kill(MY_SIGNAL, \$\$) #=&gt; "Hello MY_SIGNAL"</pre>	
<b>Patch:</b>	
<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-&gt;signm; sigs++) {          rb_hash_aset(h, rb_fstring_cstr(sigs-&gt;signm), INT2FIX(sigs-&gt;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>	
Inspired by <a href="https://github.com/ksss/mruby-signal/pull/3">https://github.com/ksss/mruby-signal/pull/3</a> and @takumakume	

### History

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

I propose

- Signal::RTMIN
- Signal::RTMAX

instead.

Matz.