

Re: [patch 20/23] add /proc/sys/kernel/timeout_granularity

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-09/msg09026.html>

- *From:* Andrew Morton <akpm@xxxxxxxx>
 - *Date:* Sat, 30 Sep 2006 01:45:41 -0700
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On Fri, 29 Sep 2006 23:58:39 -0000
Thomas Gleixner <tglx@xxxxxxxxxxxxxx> wrote:

From: Ingo Molnar <mingo@xxxxxxx>

Introduce timeout granularity: process timer wheel timers every
timeout_granularity jiffies. Defaults to 1 (process timers HZ times
per second – most finegrained).

...

+ timeout_granularity=
+ [KNL]
+ Timeout granularity: process timer wheel timers every
+ timeout_granularity jiffies. Defaults to 1 (process
+ timers HZ times per second – most finegrained).
+

Please do not expose HZ to userspace in this fashion. It means that an
application which was developed and tested on a 1000Hz kernel might fail on a
250Hz kernel.

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