Subject: Re: Kernel text size with pid namespace Posted by Pavel Emelianov on Thu, 20 Sep 2007 11:55:01 GMT View Forum Message <> Reply to Message

Paul Jackson wrote:

- >>> functions are used in process creation/termination, we would need to
- >>> keep them inline, when optimizing for performance.
- >> I'd keep them inline for performance reasons.

>

- > As Matt Mackall explained more carefully in his reply, it's no longer
- > clear that inlining is best for performance in as many situations as
- > it was the past. Cache footprint size tends to dominate performance on
- > present day processors.

True, but AFAIR, when I developed the namespaces I tried to move the task_pid_nr etc calls in kernel/pid.c and the performance on unixbench spawn and nptlperf tests became worse. That's why I said that I'd keep them inline.

- > See also Matt's comments on the NULL struct pid check. Getting rid
- > of conditional jumps may be the more important performance issue here.

That's a valid argument. I will look over it.

Thanks, Pavel

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