
Subject: Re: Kernel text size with pid namespace
Posted by [Pavel Emelianov](#) on Thu, 20 Sep 2007 11:55:01 GMT
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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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