Subject: Re: [-mm PATCH] Memory controller improve user interface
Posted by Dave Hansen on Wed, 29 Aug 2007 22:25:52 GMT

On Wed, 2007-08-29 at 15:20 -0700, Paul Menage wrote:
>
> I'd argue that having the user's specified limit be truncated to the
> page size is less confusing than giving an EINVAL if it's not page
> aligned.

Do we truncate mmap() values to the nearest page so to not confuse the
user? ;)

Imagine a careful application setting and accounting for limits on a
long-running system. Might its internal accounting get sufficiently
misaligned from the kernel's after a while to cause a problem?
Truncating values like that would appear reserve significantly less
memory than desired over a long period of time.

-- Dave

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