Subject: Re: [RFC][PATCH 0/3] Kernel memory accounting container (v2)
Posted by Pavel Emelianov on Mon, 17 Sep 2007 06:12:47 GMT

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Christoph Lameter wrote:
> On Fri, 14 Sep 2007, Pavel Emelyanov wrote:
>
>>> Hmmmm... Okay I have seen multiple people who want to control slab
>>> allocations and track memory for various reasons. Would it be possible to
>>> come up with some hook that would allow a subscription to certain SLUB
>>> events? That way multiple subsystems may track and maybe disallow certain
>>> allocations in various contexts.
>> Do you mean some more generic than just explicit call from slab_alloc, etc?
>> Ok, I will work on it.
>
> Yes I guess an API in slub to register callbacks for these things. This
> needs to include a way to control the granularity. Callbacks at the level
> of slab allocations are likely not that performance critical. But some
> uses may require control at the object level. There needs to be some way
> to tell SLUB to disable the fast path for a particular allocated slab
> because the API will police each individual allocation.
>

OK. I see. I will do my best to prepare the first version this week.

Thanks,
Pavel