Subject: Re: [PATCH 0/5] Kernel memory accounting container (v5)
Posted by Balbir Singh on Mon, 01 Oct 2007 14:12:59 GMT
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Pavel Emelyanov wrote:
> Changes since v.4:
> * make SLAB_NOTIFY caches mark pages as SlabDebug. That
>   makes the interesting paths simpler (thanks to Christoph);
> * the change above caused appropriate changes in "turn
>   notifications on" path - all available pages must become
>   SlabDebug and page's freelists must be flushed;
> * added two more events - "on" and "off" to make kmalloc
>   caches disabling more gracefully;
> * turning notifications "off" is marked as "TODO". Right
>   now it's hard w/o massive rework of slub.c in respect to
>   full slabs handling.
>
> Changes since v.3:
> * moved alloc/free notification into slow path and make
>   "notify-able" caches walk this path always;
> * introduced some optimization for the case, when there's
>   only one listener for SLUB events (saves more that 10%
>   of performance);
> * ported on 2.6.23-rc6-mm1 tree.
>
> Changes since v.2:
> * introduced generic notifiers for slub. right now there
>   are only events, needed by accounting, but this set can
>   be extended in the future;
> * moved the controller core into separate file, so that
>   its extension and/or porting on slAb will look more
>   logical;
> * fixed this message :).
>
> Changes since v.1:
> * fixed Paul's comment about subsystem registration;
> * return ERR_PTR from ->create callback, not NULL;
> * make container-to-object assignment in rcu-safe section;
> * make turning accounting on and off with "1" and "0".
>

Hi, Pavel,

Overall, the patches look good, except for the comments
noted in the other patch postings. I am going to test
these patches and see how they hold out.

--

Warm Regards,
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