Subject: Re: [PATCH 0/5] Kernel memory accounting container (v5)
Posted by Pavel Emelianov on Mon, 01 Oct 2007 15:43:44 GMT
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Balbir Singh wrote:
> 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.
>

OK, thanks. It's already time to go home now, so I will send
them to Andrew tomorrow. Maybe you'll find some more BUGs by
that time :)

BTW, Acked-by-s from different teams make Andrew more willing
to accept the patches ;)

Thanks,
Pavel
