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Subject: Re: [PATCH 0/4] Kernel memory accounting container (v3)

Posted by [Balbir Singh](#) on Mon, 17 Sep 2007 20:51:03 GMT

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Christoph Lameter wrote:

> On Mon, 17 Sep 2007, Pavel Emelyanov wrote:

>

>> As I have already told kmalloccaches cannot be accounted easily

>> so turning the accounting on for them will fail with -EINVAL.

>> Turning the accounting off is possible only if the cache has

>> no objects. This is done so because turning accounting off

>> implies unaccounting of all the objects in the cache, but due

>> to full-pages in slub are not stored in any lists (usually)

>> this is impossible to do so, however I'm open for discussion

>> of how to make this work.

>

> Where can I find more information why it would not be possible to

> account kmalloccaches?

>

Hi, Christoph,

I've wondered the same thing and asked the question. Pavel wrote back to me saying

"The pages that are full of objects are not linked in any list in kmem\_cache so we just cannot find them."

I suspect that SLUB changes this, but I need to look at the allocator more carefully.

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Warm Regards,

Balbir Singh

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