
Subject: Re: [-mm PATCH] Memory controller improve user interface

Posted by [Dave Hansen](#) on Wed, 29 Aug 2007 18:45:48 GMT

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On Wed, 2007-08-29 at 16:40 +0530, Balbir Singh wrote:

```
>
>
> @@ -352,7 +353,7 @@ int mem_container_charge(struct page *pa
>     kfree(pc);
>     pc = race_pc;
>     atomic_inc(&pc->ref_cnt);
> -     res_counter_uncharge(&mem->res, 1);
> +     res_counter_uncharge(&mem->res, MEM_CONTAINER_CHARGE_KB);
>     css_put(&mem->css);
>     goto done;
> }
```

Do these changes really need to happen anywhere besides the
user<->kernel boundary? Why can't internal tracking be in pages?

-- Dave

Containers mailing list

Containers@lists.linux-foundation.org

<https://lists.linux-foundation.org/mailman/listinfo/containers>

Subject: Re: [-mm PATCH] Memory controller improve user interface

Posted by [Balbir Singh](#) on Wed, 29 Aug 2007 22:04:12 GMT

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Dave Hansen wrote:

> On Wed, 2007-08-29 at 16:40 +0530, Balbir Singh wrote:

```
>>
>> @@ -352,7 +353,7 @@ int mem_container_charge(struct page *pa
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>
> Do these changes really need to happen anywhere besides the
> user<->kernel boundary? Why can't internal tracking be in pages?

I've thought about this before. The problem is that a user could set his limit to 10000 bytes, but would then see the usage and limit round to the closest page boundary. This can be confusing to a user.

--

Warm Regards,
Balbir Singh
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