
Subject: Re: [PATCH] memcg: Do not open code accesses to res_counter members

Posted by [Michal Hocko](#) on Wed, 21 Mar 2012 13:26:23 GMT

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On Tue 20-03-12 20:53:44, Glauber Costa wrote:

> We should use the accessor res_counter_read_u64 for that.
> Although a purely cosmetic change is sometimes better of delayed,
> to avoid conflicting with other people's work, we are starting to
> have people touching this code as well, and reproducing the open
> code behavior because that's the standard =)
>
> Time to fix it, then.

Looks good to me

Acked-by: Michal Hocko <mhocko@suse.cz>

Thanks

>
> Signed-off-by: Glauber Costa <glommer@parallels.com>
> Cc: Johannes Weiner <hannes@cmpxchg.org>
> Cc: Michal Hocko <mhocko@suse.cz>
> Cc: KAMEZAWA Hiroyuki <kamezawa.hiroyu@jp.fujitsu.com>
> ---
> mm/memcontrol.c | 4 +---
> 1 files changed, 2 insertions(+), 2 deletions(-)
>
> diff --git a/mm/memcontrol.c b/mm/memcontrol.c
> index 87a1e21..27c1bfa 100644
> --- a/mm/memcontrol.c
> +++ b/mm/memcontrol.c
> @@ -3708,7 +3708,7 @@ move_account:
> goto try_to_free;
> cond_resched();
> /* "ret" should also be checked to ensure all lists are empty. */
> - } while (memcg->res.usage > 0 || ret);
> + } while (res_counter_read_u64(&memcg->res, RES_USAGE) > 0 || ret);
> out:
> css_put(&memcg->css);
> return ret;
> @@ -3723,7 +3723,7 @@ try_to_free:
> lru_add_drain_all();
> /* try to free all pages in this cgroup */
> shrink = 1;
> - while (nr_retries && memcg->res.usage > 0) {
> + while (nr_retries && res_counter_read_u64(&memcg->res, RES_USAGE) > 0) {
> int progress;
>

```
> if (signal_pending(current)) {  
> --  
> 1.7.7.6  
>  
> --  
> To unsubscribe, send a message with 'unsubscribe linux-mm' in  
> the body to majordomo@kvack.org. For more info on Linux MM,  
> see: http://www.linux-mm.org/ .  
> Fight unfair telecom internet charges in Canada: sign http://stopthemeteter.ca/  
> Don't email: <a href=mailto:"dont@kvack.org"> email@kvack.org </a>>
```

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