
Subject: Re: [PATCH v5 06/14] memcg: kmem controller infrastructure

Posted by [Glauber Costa](#) on Fri, 19 Oct 2012 09:10:27 GMT

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On 10/19/2012 02:06 AM, David Rientjes wrote:

> On Thu, 18 Oct 2012, Glauber Costa wrote:

>

>>> Do we actually need to test PF_KTHREAD when current->mm == NULL?

>>> Perhaps because of aio threads which temporarily adopt a userspace mm?

>>

>> I believe so. I remember I discussed this in the past with David

>> Rientjes and he advised me to test for both.

>>

>

> PF_KTHREAD can do use_mm() to assume an ->mm but hopefully they aren't

> allocating slab while doing so. Have you considered actually charging

> current->mm->owner for that memory, though, since the kthread will have

> freed the memory before unuse_mm() or otherwise have charged it on behalf

> of a user process, i.e. only exempting PF_KTHREAD?

>

I always charge current->mm->owner.
