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Subject: Re: [PATCH v3 06/16] memcg: infrastructure to match an allocation to the right cache

Posted by [Glauber Costa](#) on Mon, 24 Sep 2012 08:17:37 GMT

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On 09/22/2012 12:52 AM, Tejun Heo wrote:

> Missed some stuff.

>

> On Tue, Sep 18, 2012 at 06:12:00PM +0400, Glauber Costa wrote:

>> +static struct kmem\_cache \*memcg\_create\_kmem\_cache(struct mem\_cgroup \*memcg,

>> + struct kmem\_cache \*cachep)

>> +{

> ...

>> + memcg->slabs[idx] = new\_cachep;

> ...

>> +struct kmem\_cache \*\_\_memcg\_kmem\_get\_cache(struct kmem\_cache \*cachep,

>> + gfp\_t gfp)

>> +{

> ...

>> + return memcg->slabs[idx];

>

> I think you need memory barriers for the above pair.

>

> Thanks.

>

Why is that?

We'll either see a value, or NULL. If we see NULL, we assume the cache is not yet created. Not a big deal.

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