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Subject: Re: [PATCH v2 04/29] slub: always get the cache from its page in kfree  
Posted by [Christoph Lameter](#) on Fri, 11 May 2012 19:09:15 GMT  
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On Fri, 11 May 2012, Glauber Costa wrote:

> On 05/11/2012 03:56 PM, Christoph Lameter wrote:  
> > On Fri, 11 May 2012, Glauber Costa wrote:  
> >  
> > > So we don't mix pages from multiple memcgs in the same cache - we believe  
> > > that  
> > > would be too confusing.  
> >  
> > Well subsystem create caches and other things that are shared between  
> > multiple processes. How can you track that?  
>  
> Each process that belongs to a memcg triggers the creation of a new child kmem  
> cache.

I see that. But there are other subsystems from slab allocators that do  
the same. There are also objects that may be used by multiple processes.  
F.e what about shm?

> > > /proc/slabinfo reflects this information, by listing the memcg-specific  
> > > slabs.  
> >  
> > What about /sys/kernel/slab/\*?  
>  
> From the PoV of the global system, what you'll see is something like:  
> dentry , dentry(2:memcg1), dentry(2:memcg2), etc.

Hmmm.. Would be better to have a hierachy there. /proc/slabinfo is more  
legacy.

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