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Subject: Re: [PATCH v4 24/25] memcg/slub: shrink dead caches  
Posted by [Christoph Lameter](#) on Fri, 06 Jul 2012 15:16:36 GMT  
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On Mon, 18 Jun 2012, Glauber Costa wrote:

> In the slub allocator, when the last object of a page goes away, we  
> don't necessarily free it - there is not necessarily a test for empty  
> page in any slab\_free path.

This is the same btw in SLAB which keeps objects in per cpu caches and keeps empty slab pages on special queues.

> This patch marks all memcg caches as dead. kmem\_cache\_shrink is called  
> for the ones who are not yet dead - this will force internal cache  
> reorganization, and then all references to empty pages will be removed.

You need to call this also for slab to drain the caches and free the pages on the empty list.

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