

---

Subject: Re: [PATCH 07/11] mm: Allocate kernel pages to the right memcg  
Posted by [Tejun Heo](#) on Mon, 25 Jun 2012 18:07:47 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

On Mon, Jun 25, 2012 at 06:15:24PM +0400, Glauber Costa wrote:

> When a process tries to allocate a page with the `__GFP_KMEMCG` flag,  
> the page allocator will call the corresponding memcg functions to  
> validate the allocation. Tasks in the root memcg can always proceed.  
>  
> To avoid adding markers to the page - and a kmem flag that would  
> necessarily follow, as much as doing `page_cgroup` lookups for no  
> reason, whoever is marking its allocations with `__GFP_KMEMCG` flag  
> is responsible for telling the page allocator that this is such an  
> allocation at `free_pages()` time. This is done by the invocation of  
> `__free_accounted_pages()` and `free_accounted_pages()`.

Shouldn't we be documenting that in the code somewhere, preferably in  
the function comments?

--

tejun

---