
Subject: Re: [PATCH 09/11] memcg: propagate kmem limiting information to children

Posted by [akpm](#) on Mon, 25 Jun 2012 23:23:52 GMT

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On Mon, 25 Jun 2012 18:15:26 +0400

Glauber Costa <glommer@parallels.com> wrote:

```
> --- a/mm/memcontrol.c
> +++ b/mm/memcontrol.c
> @@ -287,7 +287,11 @@ struct mem_cgroup {
>  * Should the accounting and control be hierarchical, per subtree?
>  */
>  bool use_hierarchy;
> - bool kmem_accounted;
> + /*
> +  * bit0: accounted by this cgroup
> +  * bit1: accounted by a parent.
> +  */
> + volatile unsigned long kmem_accounted;
```

I suggest

```
unsigned long kmem_accounted; /* See KMEM_ACCOUNTED_*, below */
```

```
>  bool oom_lock;
>  atomic_t under_oom;
> @@ -340,6 +344,9 @@ struct mem_cgroup {
> #endif
> };
>
> +#define KMEM_ACCOUNTED_THIS 0
> +#define KMEM_ACCOUNTED_PARENT 1
```

And then document the fields here.
