
Subject: Re: [PATCH -mm 5/5] swapcgroup (v3): implement force_empty

Posted by [yamamoto](#) on Fri, 04 Jul 2008 06:54:31 GMT

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

hi,

```
> +/*
> + * uncharge all the entries that are charged to the group.
> + */
> +void __swap_cgroup_force_empty(struct mem_cgroup *mem)
> +{
> + struct swap_info_struct *p;
> + int type;
> +
> + spin_lock(&swap_lock);
> + for (type = swap_list.head; type >= 0; type = swap_info[type].next) {
> + p = swap_info + type;
> +
> + if ((p->flags & SWP_ACTIVE) == SWP_ACTIVE) {
> + unsigned int i = 0;
> +
> + spin_unlock(&swap_lock);
```

what prevents the device from being swapoff'ed while you drop swap_lock?

YAMAMOTO Takashi

```
> + while ((i = find_next_to_unuse(p, i, mem)) != 0) {
> + spin_lock(&swap_lock);
> + if (p->swap_map[i] && p->memcg[i] == mem)
> + swap_cgroup_uncharge(p, i);
> + spin_unlock(&swap_lock);
> + }
> + spin_lock(&swap_lock);
> + }
> + }
> + spin_unlock(&swap_lock);
> +
> + return;
> +}
> #endif
```

Containers mailing list

Containers@lists.linux-foundation.org

<https://lists.linux-foundation.org/mailman/listinfo/containers>
