
Subject: Re: [PATCH -mm 5/5] swapcgroup (v3): implement force_empty
Posted by [yamamoto](#) on Fri, 04 Jul 2008 06:54:31 GMT

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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>
