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Subject: [RFC][ for -mm] memory cgroup enhancements take3 [8/9] implicit force\_empty at rmdir

Posted by [KAMEZAWA Hiroyuki](#) on Tue, 30 Oct 2007 11:21:20 GMT

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This patch adds pre\_destroy handler for mem\_cgroup and try to make mem\_cgroup empty at rmdir().

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mm/memcontrol.c | 8 ++++++++  
1 file changed, 8 insertions(+)

Index: devel-2.6.23-mm1/mm/memcontrol.c

```
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--- devel-2.6.23-mm1.orig/mm/memcontrol.c
+++ devel-2.6.23-mm1/mm/memcontrol.c
@@ -927,6 +927,13 @@ mem_cgroup_create(struct cgroup_subsys *
    return &mem->css;
}

+static void mem_cgroup_pre_destroy(struct cgroup_subsys *ss,
+    struct cgroup *cont)
+{
+    struct mem_cgroup *mem = mem_cgroup_from_cont(cont);
+    mem_cgroup_force_empty(mem);
+}
+
static void mem_cgroup_destroy(struct cgroup_subsys *ss,
    struct cgroup *cont)
{
@@ -978,6 +985,7 @@ struct cgroup_subsys mem_cgroup_subsys =
    .name = "memory",
    .subsys_id = mem_cgroup_subsys_id,
    .create = mem_cgroup_create,
+ .pre_destroy = mem_cgroup_pre_destroy,
    .destroy = mem_cgroup_destroy,
    .populate = mem_cgroup_populate,
    .attach = mem_cgroup_move_task,
```

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