Subject: [RFC][PATCH] memory cgroup enhancements updated [9/10] implicit force empty at rmdir
Posted by KAMEZAWA Hiroyuki on Fri, 19 Oct 2007 09:36:27 GMT
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This patch adds pre_destroy handler for mem_cgroup and try to make
mem_cgroup empty at rmdir().

Signed-off-by: KAMEZAWA Hiroyuki <kamezawa.hiroyu@jp.fujitsu.com>

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

Index: devel-2.6.23-mm1/mm/memcontrol.c
===================================================================
--- devel-2.6.23-mm1.orig/mm/memcontrol.c
+++ devel-2.6.23-mm1/mm/memcontrol.c
@@ -959,6 +959,13 @@ 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)
 {
@@ -1010,6 +1017,7 @@ 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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