
Subject: [PATCH] memory cgroup enhancements take 4 [8/8] implicit force empty at rmdir()

Posted by [KAMEZAWA Hiroyuki](#) on Wed, 31 Oct 2007 10:32:56 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

=====

--- devel-2.6.23-mm1.orig/mm/memcontrol.c

+++ devel-2.6.23-mm1/mm/memcontrol.c

@@ -923,6 +923,13 @@ 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)

{

@@ -974,6 +981,7 @@ 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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