
Subject: [RFC][for -mm] memory controller enhancements for reclaiming take2 [3/8]
define free_mem_cgroup_per_
Posted by [KAMEZAWA Hiroyuki](#) on Mon, 03 Dec 2007 09:37:19 GMT
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Now allocation of per_zone of mem_controller is done by
alloc_mem_cgroup_per_zone_info(). Then it will be good to use
free_mem_cgroup_per_zone_info() for maintainance.

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

mm/memcontrol.c | 9 ++++++--
1 file changed, 7 insertions(+), 2 deletions(-)

Index: linux-2.6.24-rc3-mm2/mm/memcontrol.c

=====

--- linux-2.6.24-rc3-mm2.orig/mm/memcontrol.c

+++ linux-2.6.24-rc3-mm2/mm/memcontrol.c

@@ -1141,6 +1141,11 @@ static int alloc_mem_cgroup_per_zone_inf
return 0;
}

+static void free_mem_cgroup_per_zone_info(struct mem_cgroup *mem, int node)
+{
+ kfree(mem->info.nodeinfo[node]);
+}
+

static struct mem_cgroup init_mem_cgroup;

@@ -1171,7 +1176,7 @@ mem_cgroup_create(struct cgroup_subsys *
return &mem->css;

free_out:
for_each_node_state(node, N_POSSIBLE)
- kfree(mem->info.nodeinfo[node]);
+ free_mem_cgroup_per_zone_info(mem, node);
if (cont->parent != NULL)
kfree(mem);
return NULL;

@@ -1191,7 +1196,7 @@ static void mem_cgroup_destroy(struct cg
struct mem_cgroup *mem = mem_cgroup_from_cont(cont);

for_each_node_state(node, N_POSSIBLE)
- kfree(mem->info.nodeinfo[node]);
+ free_mem_cgroup_per_zone_info(mem, node);

kfree(mem_cgroup_from_cont(cont));

}

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