
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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