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Subject: [RFC][PATCH 6/7] CGroup API: Use descriptions for memory controller API files

Posted by [Paul Menage](#) on Fri, 15 Feb 2008 20:44:24 GMT

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This patch adds descriptions to the memory controller API files to indicate that the usage/limit are in bytes; the names of the control files can then be simplified to usage/limit.

Also removes the unnecessary mem\_force\_empty\_read() function

Signed-off-by: Paul Menage <menage@google.com>

---  
mm/memcontrol.c | 21 +++++-----  
1 file changed, 5 insertions(+), 16 deletions(-)

Index: cgroupmap-2.6.24-mm1/mm/memcontrol.c

```
=====
--- cgroupmap-2.6.24-mm1.orig/mm/memcontrol.c
+++ cgroupmap-2.6.24-mm1/mm/memcontrol.c
@@ -950,19 +950,6 @@ static ssize_t mem_force_empty_write(str
    return ret;
}

-/*
- * Note: This should be removed if cgroup supports write-only file.
- */
-
-static ssize_t mem_force_empty_read(struct cgroup *cont,
-    struct cftype *cft,
-    struct file *file, char __user *userbuf,
-    size_t nbytes, loff_t *ppos)
-{
- return -EINVAL;
-}
-
static const struct mem_cgroup_stat_desc {
    const char *msg;
    u64 unit;
@@ -1001,15 +988,17 @@ static int mem_control_stat_show(struct

static struct cftype mem_cgroup_files[] = {
{
- .name = "usage_in_bytes",
+ .name = "usage",
    .private = RES_USAGE,
```

```
.read_uint = mem_cgroup_read,
+ .desc = "Memory usage in bytes",
},
{
- .name = "limit_in_bytes",
+ .name = "limit",
.private = RES_LIMIT,
.write = mem_cgroup_write,
.read_uint = mem_cgroup_read,
+ .desc = "Memory limit in bytes",
},
{
.name = "failcnt",
@@ -1019,7 +1008,7 @@ static struct cftype mem_cgroup_files[]
{
.name = "force_empty",
.write = mem_force_empty_write,
- .read = mem_force_empty_read,
+ .desc = "Write to this file to forget all memory charges"
},
{
.name = "stat",

--
```

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