
Subject: [RFC][PATCH 4/7] CGroup API: Add res_counter_read_uint()

Posted by [Paul Menage](#) on Fri, 15 Feb 2008 20:44:22 GMT

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Adds a function for returning the value of a resource counter member,
in a form suitable for use in a cgroup read_uint control file method.

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

```
include/linux/res_counter.h | 1 +
kernel/res_counter.c       | 5 +++++
2 files changed, 6 insertions(+)
```

Index: cgroupmap-2.6.24-mm1/include/linux/res_counter.h

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```
--- cgroupmap-2.6.24-mm1.orig/include/linux/res_counter.h
+++ cgroupmap-2.6.24-mm1/include/linux/res_counter.h
@@ -54,6 +54,7 @@ struct res_counter {
    ssize_t res_counter_read(struct res_counter *counter, int member,
        const char __user *buf, size_t nbytes, loff_t *pos,
        int (*read_strategy)(unsigned long long val, char *s));
+u64 res_counter_read_uint(struct res_counter *counter, int member);
    ssize_t res_counter_write(struct res_counter *counter, int member,
        const char __user *buf, size_t nbytes, loff_t *pos,
        int (*write_strategy)(char *buf, unsigned long long *val));
```

Index: cgroupmap-2.6.24-mm1/kernel/res_counter.c

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```
--- cgroupmap-2.6.24-mm1.orig/kernel/res_counter.c
+++ cgroupmap-2.6.24-mm1/kernel/res_counter.c
@@ -92,6 +92,11 @@ ssize_t res_counter_read(struct res_coun
    pos, buf, s - buf);
}

+u64 res_counter_read_uint(struct res_counter *counter, int member)
+{
+ return *res_counter_member(counter, member);
+}
+
    ssize_t res_counter_write(struct res_counter *counter, int member,
        const char __user *userbuf, size_t nbytes, loff_t *pos,
        int (*write_strategy)(char *st_buf, unsigned long long *val))
```

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