
Subject: [PATCH 02/10] CGroup API files: Add res_counter_read_u64()

Posted by [Paul Menage](#) on Sat, 23 Feb 2008 22:47:27 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_u64 control file method.

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

include/linux/res_counter.h | 5 ++++-
kernel/res_counter.c | 5 +++++
2 files changed, 9 insertions(+), 1 deletion(-)

Index: cgroup-2.6.25-rc2-mm1/include/linux/res_counter.h

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--- cgroup-2.6.25-rc2-mm1.orig/include/linux/res_counter.h

+++ cgroup-2.6.25-rc2-mm1/include/linux/res_counter.h

@@ -39,8 +39,9 @@ struct res_counter {
 spinlock_t lock;
};

*/

+/**

* Helpers to interact with userspace
+ * res_counter_read_u64() - returns the value of the specified member.
* res_counter_read/_write - put/get the specified fields from the
* res_counter struct to/from the user
*

@@ -51,6 +52,8 @@ struct res_counter {
 * @pos: and the offset.
 */

+u64 res_counter_read_u64(struct res_counter *counter, int member);

+

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));

Index: cgroup-2.6.25-rc2-mm1/kernel/res_counter.c

=====

--- cgroup-2.6.25-rc2-mm1.orig/kernel/res_counter.c

+++ cgroup-2.6.25-rc2-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_u64(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))
+
+--
```

Containers mailing list
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