

---

Subject: Re: [PATCH 1/3] res\_counter: introduce res\_counter\_write\_u64()

Posted by Li Zefan on Thu, 13 Mar 2008 23:34:49 GMT

[View Forum Message](#) <[Reply to Message](#)

---

KAMEZAWA Hiroyuki wrote:

> On Tue, 11 Mar 2008 19:08:39 +0900

> Li Zefan <lizf@cn.fujitsu.com> wrote:

>

>> This function can be used to assign the value of a resource counter member.

>>

> Why don't you make this function to do the same work as res\_counter\_write() ?

>

You mean to deal with write strategy? We don't need that complexity. If it does the same work as res\_counter\_write(), it's just a redundant function. ;)

But I forgot to take res\_counter->lock ...

> Thanks,

> -Kame

>

>

>> Signed-off-by: Li Zefan <lizf@cn.fujitsu.com>

>> ---

>> include/linux/res\_counter.h | 9 ++++++---

>> kernel/res\_counter.c | 9 ++++++++

>> 2 files changed, 15 insertions(+), 3 deletions(-)

>>

>> diff --git a/include/linux/res\_counter.h b/include/linux/res\_counter.h

>> index 8cb1ecd..8c23f7f 100644

>> --- a/include/linux/res\_counter.h

>> +++ b/include/linux/res\_counter.h

>> @@ -41,9 +41,10 @@ struct res\_counter {

>>

>> /\*\*

>> \* 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

>> + \* res\_counter\_read\_64/\_write\_u64 - returns/assigns the value of the

>> + \* specified member

>> + \* res\_counter\_read/\_write - puts/gets the specified fields from the

>> + \* res\_counter struct to/from the user

>> \*

>> \* @counter: the counter in question

>> \* @member: the field to work with (see RES\_xxx below)

>> @@ -53,6 +54,8 @@ struct res\_counter {

>> \*/

```

>>
>> u64 res_counter_read_u64(struct res_counter *counter, int member);
>> +void res_counter_write_u64(struct res_counter *counter, int member,
>> +    unsigned long long val);
>>
>> ssize_t res_counter_read(struct res_counter *counter, int member,
>>   const char __user *buf, size_t nbytes, loff_t *pos,
>> diff --git a/kernel/res_counter.c b/kernel/res_counter.c
>> index 791ff2b..a16b727 100644
>> --- a/kernel/res_counter.c
>> +++ b/kernel/res_counter.c
>> @@ -97,6 +97,15 @@ u64 res_counter_read_u64(struct res_counter *counter, int member)
>>   return *res_counter_member(counter, member);
>> }
>>
>> +void res_counter_write_u64(struct res_counter *counter, int member,
>> +    unsigned long long val)
>> +{
>> +    unsigned long long *tmp;
>> +
>> +    tmp = res_counter_member(counter, member);
>> +    *tmp = val;
>> +}
>> +
>> 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))
>> --
>> 1.5.4.rc3
>>
>> --
>> To unsubscribe, send a message with 'unsubscribe linux-mm' in
>> the body to majordomo@kvack.org. For more info on Linux MM,
>> see: http://www.linux-mm.org/ .
>> Don't email: <a href="mailto:dont@kvack.org"> email@kvack.org </a>
>>
>
>
>
```

---

Containers mailing list  
 Containers@lists.linux-foundation.org  
<https://lists.linux-foundation.org/mailman/listinfo/containers>

---