
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
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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
>>
>> --
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