
Subject: Re: [PATCH 1/3] res_counter: introduce res_counter_write_u64()
Posted by [KAMEZAWA Hiroyuki](#) on Tue, 11 Mar 2008 10:21:17 GMT
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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() ?

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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