
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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