
Subject: Re: [RFC][PATCH 1/4] res_counter set_limit and -EBUSY.
Posted by [Pavel Emelianov](#) on Mon, 21 Jul 2008 17:32:10 GMT
[View Forum Message](#) <> [Reply to Message](#)

KAMEZAWA Hiroyuki wrote:

> Add an interface to set limit. This is necessary to memory resource controller
> because it shrinks usage at set limit.
>
> (*) Other controller may not need this interface to shrink usage because
> shrinking is not necessary or impossible.
>
> This is an enhancement.
> named as res_counter-limit-change-ebusy.patch
>
> Changelog v1->v2
> - fixed white space bug.
>
> Signed-off-by: KAMEZAWA Hiroyuki <kamezawa.hiroyu@jp.fujitsu.com>

Acked-by: Pavel Emelyanov <xemul@openvz.org>

>
> include/linux/res_counter.h | 15 ++++++
> 1 file changed, 15 insertions(+)
>
> Index: linux-2.6.26-rc8-mm1/include/linux/res_counter.h
> =====
> --- linux-2.6.26-rc8-mm1.orig/include/linux/res_counter.h
> +++ linux-2.6.26-rc8-mm1/include/linux/res_counter.h
> @@ -176,4 +176,19 @@ static inline bool res_counter_can_add(s
> return ret;
> }
>
> +static inline int res_counter_set_limit(struct res_counter *cnt,
> + unsigned long long limit)
> +{
> + unsigned long flags;
> + int ret = -EBUSY;
> +
> + spin_lock_irqsave(&cnt->lock, flags);
> + if (cnt->usage < limit) {
> + cnt->limit = limit;
> + ret = 0;
> + }
> + spin_unlock_irqrestore(&cnt->lock, flags);
> + return ret;
> +}
> +

> #endif
>
>

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