
Subject: [RFC][PATCH 1/4] res_counter set_limit and -EBUSY.
Posted by [KAMEZAWA Hiroyuki](#) on Fri, 18 Jul 2008 10:34:37 GMT
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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>

include/linux/res_counter.h | 15 ++++++
1 file changed, 15 insertions(+)

Index: linux-2.6.26-rc8-mm1/include/linux/res_counter.h

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--- 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>
