Subject: [RFC][PATCH 2/4] res_counter check usage under val
Posted by KAMEZAWA Hiroyuki on Fri, 18 Jul 2008 10:35:30 GMT
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Add an interface to check usage is below "val"

Signed-off-by: KAMEZAWA Hiroyuki <kamezawa.hiroyu@jp.fujitsu.com>

 include/linux/res_counter.h | 13 ++++++++++++
 1 file changed, 13 insertions(+)

Index: mmtom-stamp-2008-07-15-15-39/include/linux/res_counter.h
===
--- mmtom-stamp-2008-07-15-15-39.orig/include/linux/res_counter.h
+++ mmtom-stamp-2008-07-15-15-39/include/linux/res_counter.h
@@ -191,4 +191,17 @@ static inline int res_counter_set_limit(
  return ret;
 }

+static inline int res_counter_check_under_val(struct res_counter *cnt,
+ unsigned long long val)
+{
+ unsigned long flags;
+ int ret = 0;
+
+ spin_lock_irqsave(&cnt->flags, flags);
+ if (cnt->usage < val)
+ ret = 1;
+ spin_unlock_irqrestore(&cnt->flags, flags);
+ return ret;
+}
+
 #endif

_____
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