
Subject: [RFC 4/7] move res_counter_set limit to res_counter.c
Posted by [Glauber Costa](#) on Fri, 30 Mar 2012 08:04:42 GMT
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Preparation patch. Function is about to get complication to be inline. Move it to the main file for consistency.

Signed-off-by: Glauber Costa <glommer@parallels.com>

include/linux/res_counter.h | 17 +-
kernel/res_counter.c | 14 +++++
2 files changed, 16 insertions(+), 15 deletions(-)

diff --git a/include/linux/res_counter.h b/include/linux/res_counter.h
index d4f3674..53b271c 100644

--- a/include/linux/res_counter.h
+++ b/include/linux/res_counter.h
@@ -188,21 +188,8 @@ static inline void res_counter_reset_failcnt(struct res_counter *cnt)
raw_spin_unlock_irqrestore(&cnt->usage_pcp.lock, flags);
}

-static inline int res_counter_set_limit(struct res_counter *cnt,
- unsigned long long limit)
-
- {
- unsigned long flags;
- int ret = -EBUSY;
-
- raw_spin_lock_irqsave(&cnt->usage_pcp.lock, flags);
- if (cnt->usage <= limit) {
- cnt->limit = limit;
- ret = 0;
- }
- raw_spin_unlock_irqrestore(&cnt->usage_pcp.lock, flags);
- return ret;
-}
-

+int res_counter_set_limit(struct res_counter *cnt,
+ unsigned long long limit);
static inline int
res_counter_set_soft_limit(struct res_counter *cnt,
unsigned long long soft_limit)
diff --git a/kernel/res_counter.c b/kernel/res_counter.c
index 70c46c9..052efaf 100644

--- a/kernel/res_counter.c
+++ b/kernel/res_counter.c
@@ -111,6 +111,20 @@ void res_counter_uncharge(struct res_counter *counter, unsigned long
val)
local_irq_restore(flags);

```
}

+int res_counter_set_limit(struct res_counter *cnt,
+ unsigned long long limit)
+{
+ unsigned long flags;
+ int ret = -EBUSY;
+
+ raw_spin_lock_irqsave(&cnt->usage_pcp.lock, flags);
+ if (cnt->usage <= limit) {
+ cnt->limit = limit;
+ ret = 0;
+ }
+ raw_spin_unlock_irqrestore(&cnt->usage_pcp.lock, flags);
+ return ret;
+}

static inline unsigned long long *
res_counter_member(struct res_counter *counter, int member)
--
1.7.4.1
```
