Subject: [PATCH 5/10] Bsdacct: make check timer accept an argument
Posted by xemul on Thu, 10 Apr 2008 08:29:01 GMT
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We're going to have many bsd_acct_struct instances, not just
one, so the timer (currently working with a global one) has
to know which one to work with.

Use a handy setup_timer macro for it (thanks to Oleg for one).

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

---
 kernel/acct.c | 9 +++++----
 1 files changed, 5 insertions(+), 4 deletions(-)

diff --git a/kernel/acct.c b/kernel/acct.c
index d9ee183..05f8bc0 100644
--- a/kernel/acct.c
+++ b/kernel/acct.c
@@ -97,9 +97,10 @@ static struct bsd_acct_struct acct_globals __cacheline_aligned =
 /*
  * Called whenever the timer says to check the free space.
  */
-static void acct_timeout(unsigned long unused)
+static void acct_timeout(unsigned long x)
 {
- acct_globals.needcheck = 1;
+ struct bsd_acct_struct *acct = (struct bsd_acct_struct *)x;
+ acct->needcheck = 1;
 }

 /*
@@ -193,8 +194,8 @@ static void acct_file_reopen(struct file *file)
   acct_globals.needcheck = 0;
   acct_globals.active = 1;
   /* It's been deleted if it was used before so this is safe */
- init_timer(&acct_globals.timer);
- acct_globals.timer.function = acct_timeout;
+ setup_timer(&acct_globals.timer, acct_timeout,
+   (unsigned long)&acct_globals);
   acct_globals.timer.expires = jiffies + ACCT_TIMEOUT*HZ;
   add_timer(&acct_globals.timer);
  }
--
1.5.3.4

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