
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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