
Subject: [PATCH] i386 balance_irq: Convert to the kthread api.

Posted by [ebiederm](#) on Thu, 19 Apr 2007 06:55:26 GMT

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This patch just trivial converts from calling kernel_thread and daemonize to just calling kthread_run.

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Signed-off-by: Eric W. Biederman <ebiederm@xmission.com>

arch/i386/kernel/io_apic.c | 5 +----

1 files changed, 2 insertions(+), 3 deletions(-)

diff --git a/arch/i386/kernel/io_apic.c b/arch/i386/kernel/io_apic.c

index 24ac67c..84b412a 100644

--- a/arch/i386/kernel/io_apic.c

+++ b/arch/i386/kernel/io_apic.c

@@ -34,6 +34,7 @@

#include <linux/msi.h>

#include <linux/htirq.h>

#include <linux/freezer.h>

+#include <linux/kthread.h>

#include <asm/io.h>

#include <asm/smp.h>

@@ -660,8 +661,6 @@ static int balanced_irq(void *unused)

unsigned long prev_balance_time = jiffies;

long time_remaining = balanced_irq_interval;

- daemonize("kirqd");

-

/* push everything to CPU 0 to give us a starting point. */

for (i = 0 ; i < NR_IRQS ; i++) {

irq_desc[i].pending_mask = cpumask_of_cpu(0);

@@ -721,7 +720,7 @@ static int __init balanced_irq_init(void)

}

printk(KERN_INFO "Starting balanced_irq\n");

- if (kernel_thread(balanced_irq, NULL, CLONE_KERNEL) >= 0)

+ if (!IS_ERR(kthread_run(balanced_irq, NULL, "kirqd")))

return 0;

else

printk(KERN_ERR "balanced_irq_init: failed to spawn balanced_irq");

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1.5.0.g53756

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