
Subject: [PATCH] arm ecard: Conver to use the kthread API.
Posted by [ebiederm](#) on Thu, 19 Apr 2007 07:58:43 GMT
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From: Eric W. Biederman <ebiederm@xmission.com>

This patch modifies the startup of kecardd to use
kthread_run not a kernel_thread combination of kernel_thread
and daemonize. Making the code slightly simpler and more
maintainable.

Cc: Russell King <rmk+kernel@arm.linux.org.uk>
Signed-off-by: Eric W. Biederman <ebiederm@xmission.com>

arch/arm/kernel/ecard.c | 14 ++++++-----
1 files changed, 7 insertions(+), 7 deletions(-)

```
diff --git a/arch/arm/kernel/ecard.c b/arch/arm/kernel/ecard.c
index f1c0fb9..6c15f5f 100644
--- a/arch/arm/kernel/ecard.c
+++ b/arch/arm/kernel/ecard.c
@@ -40,6 +40,7 @@
#include <linux/device.h>
#include <linux/init.h>
#include <linux/mutex.h>
+#include <linux/kthread.h>

#include <asm/dma.h>
#include <asm/ecard.h>
@@ -263,8 +264,6 @@ static int ecard_init_mm(void)
static int
ecard_task(void * unused)
{
- daemonize("kecardd");
-
/*
 * Allocate a mm. We're not a lazy-TLB kernel task since we need
 * to set page table entries where the user space would be. Note
@@ -1058,13 +1057,14 @@ ecard_probe(int slot, card_type_t type)
*/
static int __init ecard_init(void)
{
- int slot, irqhw, ret;
+ struct task_struct *task;
+ int slot, irqhw;

- ret = kernel_thread(ecard_task, NULL, CLONE_KERNEL);
- if (ret < 0) {
```

```
+ task = kthread_run(ecard_task, NULL, "kecardd");
+ if (IS_ERR(task)) {
    printk(KERN_ERR "Ecard: unable to create kernel thread: %d\n",
-       ret);
- return ret;
+ PTR_ERR(task));
+ return PTR_ERR(task);
}

printk("Probing expansion cards\n");
--
1.5.0.g53756
```

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