
Subject: [PATCH] arm ecard: Conver to use the kthread API.

Posted by [ebiederm](#) on Thu, 19 Apr 2007 06:55:38 GMT

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From: Eric W. Biederman <ebiederm@xmission.com> - unquoted

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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