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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](mailto: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](mailto:rmk+kernel@arm.linux.org.uk)>

Signed-off-by: Eric W. Biederman <[ebiederm@xmission.com](mailto:ebiederm@xmission.com)>

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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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Containers mailing list  
Containers@lists.linux-foundation.org  
<https://lists.linux-foundation.org/mailman/listinfo/containers>

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