Subject: [PATCH 3/3] SPARC: Handle request_irq() failure
Posted by Dmitriy Monakhov on Mon, 26 Feb 2007 16:09:27 GMT
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Signed-off-by: Monakhov Dmitriy <dmonakhov@openvz.org>
---
 drivers/sbus/char/uctrl.c | 8 +++++++-
 1 files changed, 7 insertions(+), 1 deletions(-)

```
diff --git a/drivers/sbus/char/uctrl.c b/drivers/sbus/char/uctrl.c
index 45cf5bc..6b96aa3 100644
--- a/drivers/sbus/char/uctrl.c
+++ b/drivers/sbus/char/uctrl.c
@@ -364,6 +364,7 @@ static int __init ts102_uctrl_init(void)
  struct linux_prom_irqs tmp_irq[2];
        unsigned int vaddr[2] = { 0, 0 };
  int tmpnode, uctrlnode = prom_getchild(prom_root_node);
+ int err;

  tmpnode = prom_searchsiblings(uctrlnode, "obio");

@@ -389,7 +390,12 @@ static int __init ts102_uctrl_init(void)
  if(!driver->irq)
   driver->irq = tmp_irq[0].pri;

- request_irq(driver->irq, uctrl_interrupt, 0, "uctrl", driver);
+ err = request_irq(driver->irq, uctrl_interrupt, 0, "uctrl", driver);
+ if (err) {
+  printk(KERN_ERR "%s: unable to request irq  %d\n",
+    __FUNCTION__, driver->irq);
+  return -EBUSY;
+ }

  if (misc_register(&uctrl_dev)) {
   printk("%s: unable to get misc minor %d\n",
--
1.5.0.1
```

Subject: Re: [PATCH 3/3] SPARC: Handle request_irq() failure
Posted by davem on Mon, 26 Feb 2007 17:44:50 GMT
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From: Monakhov Dmitriy <dmonakhov@openvz.org>
Date: Mon, 26 Feb 2007 19:09:27 +0300

> Signed-off-by: Monakhov Dmitriy <dmonakhov@openvz.org>
 ...

> @@ -389,7 +390,12 @@ static int __init ts102_uctrl_init(void)
> if(!driver->irq)
> driver->irq = tmp_irq[0].pri;
>
> - request_irq(driver->irq, uctrl_interrupt, 0, "uctrl", driver);
> + err = request_irq(driver->irq, uctrl_interrupt, 0, "uctrl", driver);
> + if (err) {
> + printk(KERN_ERR "%s: unable to request irq %d\n",
> + __FUNCTION__, driver->irq);
> + return -EBUSY;
> + }
>

Why not return the error code that request_irq() gave us?

That's how I'll fix this bug.
