Subject: [PATCH 2/3] pcmcia: Handle request_irq() failure while opening device
Posted by Dmitriy Monakhov on Mon, 26 Feb 2007 16:09:17 GMT
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Signed-off-by: Monakhov Dmitriy <dmonakhov@openvz.org>
---
drivers/net/pcmcia/axnet_cs.c | 8 +++++++-
drivers/net/pcmcia/pcnet_cs.c | 8 +++++++-
2 files changed, 14 insertions(+), 2 deletions(-)

```
diff --git a/drivers/net/pcmcia/axnet_cs.c b/drivers/net/pcmcia/axnet_cs.c
index 6139048..9b57bab 100644
--- a/drivers/net/pcmcia/axnet_cs.c
+++ b/drivers/net/pcmcia/axnet_cs.c
@@ -523,6 +523,7 @@ static int axnet_open(struct net_device *dev)
 {
     axnet_dev_t *info = PRIV(dev);
     struct pcmcia_device *link = info->p_dev;
+    int err = 0;

     DEBUG(2, "axnet_open('%s')\n", dev->name);

@@ -531,7 +532,12 @@ static int axnet_open(struct net_device *dev)

     link->open++;

-    request_irq(dev->irq, ei_irq_wrapper, IRQF_SHARED, "axnet_cs", dev);
+    err = request_irq(dev->irq, ei_irq_wrapper, IRQF_SHARED, "axnet_cs", dev);
+    if (err) {
+  printk("axnet_cs: request_irq() failed  %s\n", dev->name);
+  link->open--;
+  return -EBUSY;
+    }

     info->link_status = 0x00;
     init_timer(&info->watchdog);
diff --git a/drivers/net/pcmcia/pcnet_cs.c b/drivers/net/pcmcia/pcnet_cs.c
index d88e9b2..13923ea 100644
--- a/drivers/net/pcmcia/pcnet_cs.c
+++ b/drivers/net/pcmcia/pcnet_cs.c
@@ -962,6 +962,7 @@ static int pcnet_open(struct net_device *dev)
 {
     pcnet_dev_t *info = PRIV(dev);
     struct pcmcia_device *link = info->p_dev;
+    int err = 0;

     DEBUG(2, "pcnet_open('%s')\n", dev->name);
```

```
@@ -971,7 +972,12 @@ static int pcnet_open(struct net_device *dev)
     link->open++;

     set_misc_reg(dev);
-    request_irq(dev->irq, ei_irq_wrapper, IRQF_SHARED, dev_info, dev);
+    err = request_irq(dev->irq, ei_irq_wrapper, IRQF_SHARED, dev_info, dev);
+    if (err) {
+  printk("pcnet_open: request_irq() failed  %s\n", dev->name);
+  link->open--;
+  return -EBUSY;
+    }

     info->phy_id = info->eth_phy;
     info->link_status = 0x00;
--
1.5.0.1
```