
Subject: [PATCH 3/15] Make ATM driver use seq_list_xxx helpers

Posted by [xemul](#) on Fri, 18 May 2007 09:23:28 GMT

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The .show callback receives the list_head pointer now, not the struct br2684_dev one.

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```
diff --git a/net/atm/br2684.c b/net/atm/br2684.c
index 0e9f00c..3e26438 100644
--- a/net/atm/br2684.c
+++ b/net/atm/br2684.c
@@ -699,28 +699,13 @@ static struct atm_ioctl br2684_ioctl_ops
#ifdef CONFIG_PROC_FS
static void *br2684_seq_start(struct seq_file *seq, loff_t *pos)
{
- loff_t offs = 0;
- struct br2684_dev *brd;
-
- read_lock(&devs_lock);
-
- list_for_each_entry(brd, &br2684_devs, br2684_devs) {
- if (offs == *pos)
- return brd;
- ++offs;
- }
- return NULL;
+ return seq_list_start(&br2684_devs, *pos);
}

static void *br2684_seq_next(struct seq_file *seq, void *v, loff_t *pos)
{
- struct br2684_dev *brd = v;
-
- ++*pos;
-
- brd = list_entry(brd->br2684_devs.next,
- struct br2684_dev, br2684_devs);
- return (&brd->br2684_devs != &br2684_devs) ? brd : NULL;
+ return seq_list_next(v, &br2684_devs, pos);
}

static void br2684_seq_stop(struct seq_file *seq, void *v)
@@ -730,7 +715,8 @@ static void br2684_seq_stop(struct seq_f
```

```
static int br2684_seq_show(struct seq_file *seq, void *v)
{
- const struct br2684_dev *brdev = v;
+ const struct br2684_dev *brdev = list_entry(v, struct br2684_dev,
+ br2684_devs);
    const struct net_device *net_dev = brdev->net_dev;
    const struct br2684_vcc *brvcc;
```
