
Subject: [PATCH 9/15] Make /proc/modules use seq_list_xxx helpers
Posted by [xemul](#) on Fri, 18 May 2007 09:41:34 GMT
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Here there is not need even in .show callback altering.
The original code passes list_head in *v.

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```
diff --git a/kernel/module.c b/kernel/module.c
index 015d60c..7a1a4d3 100644
--- a/kernel/module.c
+++ b/kernel/module.c
@@ -2232,26 +2232,13 @@ unsigned long module_kallsyms_lookup_name
/* Called by the /proc file system to return a list of modules. */
static void *m_start(struct seq_file *m, loff_t *pos)
{
- struct list_head *i;
- loff_t n = 0;
-
- mutex_lock(&module_mutex);
- list_for_each(i, &modules) {
- if (n++ == *pos)
- break;
- }
- if (i == &modules)
- return NULL;
- return i;
+ return seq_list_start(&modules, *pos);
}

static void *m_next(struct seq_file *m, void *p, loff_t *pos)
{
- struct list_head *i = p;
- (*pos)++;
- if (i->next == &modules)
- return NULL;
- return i->next;
+ return seq_list_next(p, &modules, pos);
}

static void m_stop(struct seq_file *m, void *p)
```
