
Subject: [PATCH 07/12] proc: switch /proc/excite/unit_id to seq_file interface

Posted by [Alexey Dobriyan](#) on Tue, 08 Apr 2008 14:57:48 GMT

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Signed-off-by: Alexey Dobriyan <adobriyan@sw.ru>

```
arch/mips/basler/excite/excite_procfs.c | 28 ++++++-----
1 file changed, 20 insertions(+), 8 deletions(-)
```

--- a/arch/mips/basler/excite/excite_procfs.c

+++ b/arch/mips/basler/excite/excite_procfs.c

@@ -18,8 +18,9 @@

```
* along with this program; if not, write to the Free Software
* Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
*/
```

-

```
+#include <linux/module.h>
```

```
#include <linux/proc_fs.h>
```

```
+#include <linux/seq_file.h>
```

```
#include <linux/stat.h>
```

```
#include <asm/page.h>
```

```
#include <asm/io.h>
```

@@ -28,14 +29,25 @@

```
#include <excite.h>
```

```
-static int excite_get_unit_id(char *buf, char **addr, off_t offs, int size)
```

```
+static int excite_unit_id_proc_show(struct seq_file *m, void *v)
```

```
{
```

```
- const int len = snprintf(buf, PAGE_SIZE, "%06x", unit_id);
```

```
- const int w = len - offs;
```

```
- *addr = buf + offs;
```

```
- return w < size ? w : size;
```

```
+ seq_printf(m, "%06x", unit_id);
```

```
+ return 0;
```

```
}
```

```
+static int excite_unit_id_proc_open(struct inode *inode, struct file *file)
```

```
+{
```

```
+ return single_open(file, excite_unit_id_proc_show, NULL);
```

```
+}
```

```
+
```

```
+static const struct file_operations excite_unit_id_proc_fops = {
```

```
+ .owner = THIS_MODULE,
```

```
+ .open = excite_unit_id_proc_open,
```

```
+ .read = seq_read,
```

```
+ .llseek = seq_lseek,
```

```
+ .release = single_release,
+};
+
+ static int
+ excite_bootrom_read(char *page, char **start, off_t off, int count,
+   int *eof, void *data)
@@ -69,8 +81,8 @@ void excite_procfs_init(void)
+ if (pdir) {
+   struct proc_dir_entry * e;

- e = create_proc_info_entry("unit_id", S_IRUGO, pdir,
-   excite_get_unit_id);
+ e = proc_create("unit_id", S_IRUGO, pdir,
+   &excite_unit_id_proc_fops);
+   if (e) e->size = 6;

+   e = create_proc_read_entry("bootrom", S_IRUGO, pdir,
```

```
--
1.5.4.3
```
