
Subject: [PATCH 5/15] Make crypto API use seq_list_xxx helpers

Posted by [xemul](#) on Fri, 18 May 2007 09:29:41 GMT

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Simple and stupid - just use the same code from another place in the kernel.

Signed-off-by: Pavel Emelianov <xemul@openvz.org>

diff --git a/crypto/proc.c b/crypto/proc.c

index 102c751..3d73323 100644

--- a/crypto/proc.c

+++ b/crypto/proc.c

@@ -23,24 +23,13 @@

```
static void *c_start(struct seq_file *m, loff_t *pos)
{
- struct list_head *v;
- loff_t n = *pos;
-
  down_read(&crypto_alg_sem);
- list_for_each(v, &crypto_alg_list)
- if (!n--)
- return list_entry(v, struct crypto_alg, cra_list);
- return NULL;
+ return seq_list_start(&crypto_alg_list, *pos);
}
```

```
static void *c_next(struct seq_file *m, void *p, loff_t *pos)
{
- struct list_head *v = p;
-
- (*pos)++;
- v = v->next;
- return (v == &crypto_alg_list) ?
- NULL : list_entry(v, struct crypto_alg, cra_list);
+ return seq_list_next(p, &crypto_alg_list, pos);
}
```

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

@@ -50,7 +39,7 @@ static void c_stop(struct seq_file *m, v

```
static int c_show(struct seq_file *m, void *p)
{
- struct crypto_alg *alg = (struct crypto_alg *)p;
+ struct crypto_alg *alg = list_entry(p, struct crypto_alg, cra_list);
```

```
seq_printf(m, "name      : %s\n", alg->cra_name);  
seq_printf(m, "driver    : %s\n", alg->cra_driver_name);
```
