
Subject: Re: [PATCH 7/15] Make ISDN CAPI use seq_list_xxx helpers
Posted by [Karsten Keil](#) on Fri, 18 May 2007 11:10:07 GMT

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The similar code exists here and is called capi_driver_get_idx().
Use generic helpers now and remember to convert list_head to
struct capi_driver in .show callback.

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diff --git a/drivers/isdn/capi/kcapi_proc.c b/drivers/isdn/capi/kcapi_proc.c
index 31f4fd8..845a797 100644

--- a/drivers/isdn/capi/kcapi_proc.c

+++ b/drivers/isdn/capi/kcapi_proc.c

@@ -243,36 +243,15 @@ create_seq_entry(char *name, mode_t mode

// -----

-
-static __inline__ struct capi_driver *capi_driver_get_idx(loff_t pos)

-{

- struct capi_driver *drv = NULL;

- struct list_head *l;

- loff_t i;

-

- i = 0;

- list_for_each(l, &capi_drivers) {

- drv = list_entry(l, struct capi_driver, list);

- if (i++ == pos)

- return drv;

- }

- return NULL;

-}

-

static void *capi_driver_start(struct seq_file *seq, loff_t *pos)

{

- struct capi_driver *drv;

read_lock(&capi_drivers_list_lock);

- drv = capi_driver_get_idx(*pos);

- return drv;

+ return seq_list_start(&capi_drivers, *pos);

}

static void *capi_driver_next(struct seq_file *seq, void *v, loff_t *pos)

{

```

- struct capi_driver *drv = (struct capi_driver *)v;
- ++*pos;
- if (drv->list.next == &capi_drivers) return NULL;
- return list_entry(drv->list.next, struct capi_driver, list);
+ return seq_list_next(v, &capi_drivers, pos);
}

```

```

static void capi_driver_stop(struct seq_file *seq, void *v)
@@ -282,7 +261,8 @@ static void capi_driver_stop(struct seq_

```

```

static int capi_driver_show(struct seq_file *seq, void *v)
{
- struct capi_driver *drv = (struct capi_driver *)v;
+ struct capi_driver *drv = list_entry(v, struct capi_driver, list);
+
  seq_printf(seq, "%-32s %s\n", drv->name, drv->revision);
  return 0;
}

```

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