

[2.6 patch] ISDN_CAPI_CAPIFS related cleanups

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-01/msg11556.html>

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 - *Date:* Tue, 31 Jan 2006 22:33:06 +0100
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This patch contains the following cleanups:

- move the help text to the right option
- replace some `#ifdef`'s in `capi.c` with dummy functions in `capifs.h`
- use `CONFIG_ISDN_CAPI_CAPIFS_BOOL` in one place in `capi.c`

Signed-off-by: Adrian Bunk <bunk@xxxxxxxx>

```
drivers/isdn/capi/Kconfig | 10 +++++-----
drivers/isdn/capi/capi.c | 9 ++-----
drivers/isdn/capi/capifs.h | 9 ++++++++
3 files changed, 16 insertions(+), 12 deletions(-)
```

```
--- linux-2.6.16-rc1-mm4-full/drivers/isdn/capi/Kconfig.old 2006-01-31 20:36:44.000000000 +0100
+++ linux-2.6.16-rc1-mm4-full/drivers/isdn/capi/Kconfig 2006-01-31 20:38:10.000000000 +0100
@@ -31,17 +31,17 @@
```

```
config ISDN_CAPI_CAPIFS_BOOL
bool "CAPI2.0 filesystem support"
depends on ISDN_CAPI_MIDDLEWARE && ISDN_CAPI_CAPI20
```

```
-
- config ISDN_CAPI_CAPIFS
- tristate
- depends on ISDN_CAPI_CAPIFS_BOOL
- default ISDN_CAPI_CAPI20
```

help

This option provides a special file system, similar to `/dev/pts` with device nodes for the special ttys established by using the middleware extension above. If you want to use `pppd` with `pppdcapiplugin` to dial up to your ISP, say Y here.

```
+ config ISDN_CAPI_CAPIFS
+ tristate
+ depends on ISDN_CAPI_CAPIFS_BOOL
+ default ISDN_CAPI_CAPI20
+
+ config ISDN_CAPI_CAPIDRV
+ tristate "CAPI2.0 capidrv interface support"
```

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depends on ISDN_CAPI && ISDN_I4L

--- linux-2.6.16-rc1-mm4-full/drivers/isdn/capi/capifs.h.old 2006-01-31 20:40:36.000000000 +0100

+++ linux-2.6.16-rc1-mm4-full/drivers/isdn/capi/capifs.h 2006-01-31 20:41:44.000000000 +0100

@@ -7,5 +7,14 @@

*

*/

+#ifndef CONFIG_ISDN_CAPI_CAPIFS_BOOL

+

void capifs_new_ncci(unsigned int num, dev_t device);

void capifs_free_ncci(unsigned int num);

+

+#else /* CONFIG_ISDN_CAPI_CAPIFS_BOOL */

+

+static inline void capifs_new_ncci(unsigned int num, dev_t device) {}

+static inline void capifs_free_ncci(unsigned int num) {}

+

+#endif /* CONFIG_ISDN_CAPI_CAPIFS_BOOL */

--- linux-2.6.16-rc1-mm4-full/drivers/isdn/capi/capi.c.old 2006-01-31 20:38:53.000000000 +0100

+++ linux-2.6.16-rc1-mm4-full/drivers/isdn/capi/capi.c 2006-01-31 20:40:24.000000000 +0100

@@ -42,9 +42,8 @@

#include <linux/devfs_fs_kernel.h>

#include <linux/isdn/capiutil.h>

#include <linux/isdn/capicmd.h>

+#if defined(CONFIG_ISDN_CAPI_CAPIFS) || defined(CONFIG_ISDN_CAPI_CAPIFS_MODULE)

+

#include "capifs.h"

+#endif

static char *revision = "\$Revision: 1.1.2.7 \$";

@@ -311,9 +310,7 @@

#ifdef _DEBUG_REFCOUNT

printk(KERN_DEBUG "set mp->nccip\n");

#endif

+#if defined(CONFIG_ISDN_CAPI_CAPIFS) || defined(CONFIG_ISDN_CAPI_CAPIFS_MODULE)

capifs_new_ncci(mp->minor, MKDEV(capi_ttymajor, mp->minor));

+#endif

}

+#endif /* CONFIG_ISDN_CAPI_MIDDLEWARE */

for (pp=&cdev->nccis; *pp; pp = &(*pp)->next)

@@ -336,9 +333,7 @@

*pp = (*pp)->next;

#ifdef CONFIG_ISDN_CAPI_MIDDLEWARE

if ((mp = np->minorp) != 0) {

+#if defined(CONFIG_ISDN_CAPI_CAPIFS) || defined(CONFIG_ISDN_CAPI_CAPIFS_MODULE)

capifs_free_ncci(mp->minor);

+#endif

if (mp->tty) {

mp->nccip = NULL;

#ifdef _DEBUG_REFCOUNT

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```
@@ -1520,7 +1515,7 @@  
proc_init();
```

```
#ifdef CONFIG_ISDN_CAPI_MIDDLEWARE  
-#if defined(CONFIG_ISDN_CAPI_CAPIFS) || defined(CONFIG_ISDN_CAPI_CAPIFS_MODULE)  
+#ifdef CONFIG_ISDN_CAPI_CAPIFS_BOOL  
compileinfo = " (middleware+capifs)";  
#else  
compileinfo = " (no capifs)";
```

—
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