

Linux-Kernel: [2.4 patch] fix a compile warning in tipar.c (fwd) (fwd)

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Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2004-01/7754.html>

From: Adrian Bunk (*bunk_at_fs.tum.de*)

Date: 01/30/04

Date: Fri, 30 Jan 2004 20:45:07 +0100

To: Marcelo Tosatti <marcelo@conectiva.com.br>, Romain Lievin <roms@lpg.ticalc.org>

Hi Marcelo,

the patch forwarded below still applies and compiles against
2.4.25-pre8.

Please apply
Adrian

----- Forwarded message from Adrian Bunk <bunk@fs.tum.de> -----

Date: Sat, 20 Dec 2003 00:08:38 +0100

From: Adrian Bunk <bunk@fs.tum.de>

To: Marcelo Tosatti <marcelo@conectiva.com.br>,
Romain Lievin <roms@lpg.ticalc.org>

Cc: linux-kernel@vger.kernel.org

Subject: [2.4 patch] fix a compile warning in tipar.c (fwd)

Hi Marcelo,

the patch forwarded below still applies and compiles against
2.4.24-pre1.

Please apply
Adrian

----- Forwarded message from Adrian Bunk <bunk@fs.tum.de> -----

Date: Sun, 3 Aug 2003 12:58:42 +0200

From: Adrian Bunk <bunk@fs.tum.de>

To: Marcelo Tosatti <marcelo@conectiva.com.br>,
Romain Lievin <roms@lpg.ticalc.org>

Cc: linux-kernel@vger.kernel.org, trivial@rustcorp.com.au

Subject: [2.4 patch] fix a compile warning in tipar.c

I got the following compile warning in 2.4.22-pre10:

[2.4 patch] fix a compile warning in tipar.c (fwd) (fwd)

Linux-Kernel: [2.4 patch] fix a compile warning in tipar.c (fwd) (fwd)

<-- snip -->

...

```
gcc -D__KERNEL__
-I/home/bunk/linux/kernel-2.4/linux-2.4.22-pre10-full/include -
Wall -Wstrict-prototypes -Wno-trigraphs -O2 -fno-strict-aliasing
-fno-common -pipe -mpreferred-stack-boundary=2 -march=k6 -nostdinc -iwithprefix
include -DKBUILD_BASENAME=tipar -c -o tipar.o tipar.c
tipar.c:76:1: warning: "minor" redefined
In file included from
/home/bunk/linux/kernel-2.4/linux-2.4.22-pre10-full/include/linux/fs.h:16,
    from
/home/bunk/linux/kernel-2.4/linux-2.4.22-pre10-full/include/linux/capability.h:17,
    from
/home/bunk/linux/kernel-2.4/linux-2.4.22-pre10-full/include/linux/binfmts.h:5,
    from
/home/bunk/linux/kernel-2.4/linux-2.4.22-pre10-full/include/linux/sched.h:9,
    from tipar.c:49:
/home/bunk/linux/kernel-2.4/linux-2.4.22-pre10-full/include/linux/kdev_t.h:81:1:
warning: this is the location of the previous definition
```

...

<-- snip -->

The minor #define was added to kdev_t.h in 2.4.18-pre4. The following patch adjusts tipar.c accordingly. Besides this, it changes the kernel version check from a private macro to use the KERNEL_VERSION in kernel.h.

```
--- linux-2.4.22-pre10-full/drivers/char/tipar.c.old 2003-08-02 22:52:49.000000000 +0200
+++ linux-2.4.22-pre10-full/drivers/char/tipar.c 2003-08-02 22:57:57.000000000 +0200
@@ -71,9 +71,11 @@
#define DRIVER_DESC "Device driver for TI/PC parallel link cables"
#define DRIVER_LICENSE "GPL"

-#define VERSION(ver,rel,seq) (((ver)<<16) | ((rel)<<8) | (seq))
-#if LINUX_VERSION_CODE < VERSION(2,5,0)
+#if LINUX_VERSION_CODE < KERNEL_VERSION(2,4,18)
# define minor(x) MINOR(x)
+#endif
+
+#if LINUX_VERSION_CODE < KERNEL_VERSION(2,5,0)
# define need_resched() (current->need_resched)
# endif
```

I've tested the compilation with 2.4.22-pre10.

Please apply
Adrian

--

Linux-Kernel: [2.4 patch] fix a compile warning in tipar.c (fwd) (fwd)

"Is there not promise of rain?" Ling Tan asked suddenly out
of the darkness. There had been need of rain for many days.
"Only a promise," Lao Er said.

Pearl S. Buck - Dragon Seed

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----- End forwarded message -----

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