

# [PATCH 19-rc2] Fix misc Kconfig typos

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-10/msg05173.html>

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  - *Date:* Sat, 14 Oct 2006 22:54:47 -0400
- 

Fix various Kconfig typos.

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```
diff -ru a/arch/arm/mach-ixp4xx/Kconfig b/arch/arm/mach-ixp4xx/Kconfig
--- a/arch/arm/mach-ixp4xx/Kconfig 2006-09-19 23:42:06.000000000 -0400
+++ b/arch/arm/mach-ixp4xx/Kconfig 2006-10-14 22:25:11.000000000 -0400
@@ -133,7 +133,7 @@
```

into the kernel and we can use the standard read[bwl]/write[bwl] macros. This is the preferred method due to speed but it limits the system to just 64MB of PCI memory. This can be

- problematic if using video cards and other memory-heavy devices.
- + problematic if using video cards and other memory-heavy devices.

2) If > 64MB of memory space is required, the IXP4xx can be configured to use indirect registers to access PCI This allows

```
diff -ru a/arch/arm/mach-lh7a40x/Kconfig b/arch/arm/mach-lh7a40x/Kconfig
--- a/arch/arm/mach-lh7a40x/Kconfig 2006-09-19 23:42:06.000000000 -0400
+++ b/arch/arm/mach-lh7a40x/Kconfig 2006-10-14 22:34:46.000000000 -0400
@@ -8,7 +8,7 @@
```

help

Say Y here if you are using the Sharp KEV7A400 development board. This hardware is discontinued, so I'd be very

- suprised if you wanted this option.
- + suprised if you wanted this option.

```
config MACH_LPD7A400
```

```
bool "LPD7A400 Card Engine"
```

```
diff -ru a/arch/arm/mach-s3c2410/Kconfig b/arch/arm/mach-s3c2410/Kconfig
--- a/arch/arm/mach-s3c2410/Kconfig 2006-10-14 20:31:55.000000000 -0400
+++ b/arch/arm/mach-s3c2410/Kconfig 2006-10-14 22:36:28.000000000 -0400
@@ -91,7 +91,7 @@
```

```
config MACH_S3C2413
```

```
bool
```

```
help
```

- Internal node for S3C2413 verison of SMDK2413, so that
  - + Internal node for S3C2413 version of SMDK2413, so that
- machine\_is\_s3c2413() will work when MACH\_SMDK2413 is

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selected

```
diff -ru a/arch/arm/mm/Kconfig b/arch/arm/mm/Kconfig
--- a/arch/arm/mm/Kconfig 2006-10-14 20:31:56.000000000 -0400
+++ b/arch/arm/mm/Kconfig 2006-10-14 22:46:06.000000000 -0400
@@ -197,7 +197,7 @@
select CPU_CP15_MPU
```

help

ARM940T is a member of the ARM9TDMI family of general-  
- purpose microprocessors with MPU and separate 4KB  
+ purpose microprocessors with MPU and separate 4KB  
instruction and 4KB data caches, each with a 4-word line  
length.

```
diff -ru a/arch/cris/arch-v10/drivers/Kconfig b/arch/cris/arch-v10/drivers/Kconfig
--- a/arch/cris/arch-v10/drivers/Kconfig 2006-10-14 20:31:56.000000000 -0400
+++ b/arch/cris/arch-v10/drivers/Kconfig 2006-10-14 22:31:24.000000000 -0400
@@ -839,7 +839,7 @@
```

default "0"

help

This controls the initial value of the trickle charge register.  
- 0 = disabled (use this if you are unsure or have a non rechargeable battery)  
+ 0 = disabled (use this if you are unsure or have a non rechargeable battery)  
Otherwise the following values can be OR:ed together to control the  
charge current:

1 = 2kohm, 2 = 4kohm, 3 = 4kohm

```
diff -ru a/arch/cris/arch-v10/Kconfig b/arch/cris/arch-v10/Kconfig
--- a/arch/cris/arch-v10/Kconfig 2006-09-19 23:42:06.000000000 -0400
+++ b/arch/cris/arch-v10/Kconfig 2006-10-14 22:23:25.000000000 -0400
@@ -323,7 +323,7 @@
```

depends on ETRAX\_ARCH\_V10

default "95a6"

help

- Waitstates for SRAM, Flash and peripherals (not DRAM). 95f8 is a  
+ Waitstates for SRAM, flash and peripherals (not DRAM). 95f8 is a  
good choice for most Axis products...

config ETRAX\_DEF\_R\_BUS\_CONFIG

```
diff -ru a/arch/cris/arch-v32/drivers/Kconfig b/arch/cris/arch-v32/drivers/Kconfig
--- a/arch/cris/arch-v32/drivers/Kconfig 2006-09-19 23:42:06.000000000 -0400
+++ b/arch/cris/arch-v32/drivers/Kconfig 2006-10-14 22:47:53.000000000 -0400
@@ -88,7 +88,7 @@
```

help

Enables the DMA7 input channel for ser0 (ttyS0).  
If you do not enable DMA, an interrupt for each character will be  
- used when receiveing data.  
+ used when receiving data.  
Normally you want to use DMA, unless you use the DMA channel for  
something else.

```
@@ -157,7 +157,7 @@
```

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help

Enables the DMA5 input channel for ser1 (ttyS1).

If you do not enable DMA, an interrupt for each character will be

– used when receiveing data.

+ used when receiving data.

Normally you want this on, unless you use the DMA channel for something else.

@@ -228,7 +228,7 @@

help

Enables the DMA3 input channel for ser2 (ttyS2).

If you do not enable DMA, an interrupt for each character will be

– used when receiveing data.

+ used when receiving data.

Normally you want to use DMA, unless you use the DMA channel for something else.

@@ -297,7 +297,7 @@

help

Enables the DMA9 input channel for ser3 (ttyS3).

If you do not enable DMA, an interrupt for each character will be

– used when receiveing data.

+ used when receiving data.

Normally you want to use DMA, unless you use the DMA channel for something else.

```
diff -ru a/arch/m68knommu/Kconfig b/arch/m68knommu/Kconfig
--- a/arch/m68knommu/Kconfig 2006-10-14 20:31:56.000000000 -0400
+++ b/arch/m68knommu/Kconfig 2006-10-14 22:41:50.000000000 -0400
@@ -565,7 +565,7 @@
```

depends on ROM

help

This is almost always the same as the base of the ROM. Since on all

– 68000 type varients the vectors are at the base of the boot device

+ 68000 type variants the vectors are at the base of the boot device

on system startup.

config ROMVECSIZE

@@ -574,7 +574,7 @@

depends on ROM

help

Define the size of the vector region in ROM. For most 68000

– varients this would be 0x400 bytes in size. Set to 0 if you do

+ variants this would be 0x400 bytes in size. Set to 0 if you do

not want a vector region at the start of the ROM.

config ROMSTART

```
diff -ru a/arch/mips/Kconfig b/arch/mips/Kconfig
--- a/arch/mips/Kconfig 2006-10-14 20:31:56.000000000 -0400
+++ b/arch/mips/Kconfig 2006-10-14 22:34:11.000000000 -0400
@@ -865,7 +865,7 @@
```

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bool

#

–# Endianess selection. Suffiently obscure so many users don't know what to  
+# Endianess selection. Sufficiently obscure so many users don't know what to  
# answer,so we try hard to limit the available choices. Also the use of a  
# choice statement should be more obvious to the user.

#

@@ -874,7 +874,7 @@

help

Some MIPS machines can be configured for either little or big endian byte order. These modes require different kernels and a different  
– Linux distribution. In general there is one prefered byteorder for a  
+ Linux distribution. In general there is one preferred byteorder for a particular system but some systems are just as commonly used in the one or the other endianess.

diff –ru a/arch/powerpc/Kconfig b/arch/powerpc/Kconfig

--- a/arch/powerpc/Kconfig 2006-10-14 20:32:03.000000000 -0400

+++ b/arch/powerpc/Kconfig 2006-10-14 22:43:11.000000000 -0400

@@ -425,7 +425,7 @@

default n

help

This option enables support for the Maple 970FX Evaluation Board.

– For more informations, refer to <<http://www.970eval.com>>

+ For more information, refer to <<http://www.970eval.com>>

config PPC\_PASEMI

depends on PPC\_MULTIPLATFORM && PPC64

diff –ru a/arch/powerpc/platforms/83xx/Kconfig b/arch/powerpc/platforms/83xx/Kconfig

--- a/arch/powerpc/platforms/83xx/Kconfig 2006-10-14 20:32:03.000000000 -0400

+++ b/arch/powerpc/platforms/83xx/Kconfig 2006-10-14 22:45:09.000000000 -0400

@@ -21,7 +21,7 @@

Be aware that PCI buses can only function when SYS board is plugged into the PIB (Platform IO Board) board from Freescale which provide 3 PCI slots. The PIBs PCI initialization is the bootloader's

– responsibililty.

+ responsibility.

config MPC834x\_ITX

bool "Freescale MPC834x ITX"

@@ -30,7 +30,7 @@

This option enables support for the MPC 834x ITX evaluation board.

Be aware that PCI initialization is the bootloader's

– responsibililty.

+ responsibility.

endchoice

diff –ru a/arch/ppc/Kconfig b/arch/ppc/Kconfig

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```
--- a/arch/ppc/Kconfig 2006-10-14 20:32:03.000000000 -0400
+++ b/arch/ppc/Kconfig 2006-10-14 22:44:42.000000000 -0400
@@ -724,7 +724,7 @@
```

Be aware that PCI buses can only function when SYS board is plugged into the PIB (Platform IO Board) board from Freescale which provide 3 PCI slots. The PIBs PCI initialization is the bootloader's

- responsibility.
- + responsibility.

config EV64360

bool "Marvell-EV64360BP"

diff -ru a/arch/sh/Kconfig b/arch/sh/Kconfig

```
--- a/arch/sh/Kconfig 2006-10-14 20:32:04.000000000 -0400
+++ b/arch/sh/Kconfig 2006-10-14 22:11:59.000000000 -0400
@@ -217,7 +217,7 @@
```

bool "SHMIN"

select CPU\_SUBTYPE\_SH7706

help

- Select SHMIN if configuring for the SHMIN board
- + Select SHMIN if configuring for the SHMIN board.

config SH\_UNKNOWN

bool "BareCPU"

diff -ru a/arch/sparc/Kconfig b/arch/sparc/Kconfig

```
--- a/arch/sparc/Kconfig 2006-09-19 23:42:06.000000000 -0400
+++ b/arch/sparc/Kconfig 2006-10-14 22:33:07.000000000 -0400
@@ -212,8 +212,8 @@
```

tristate "Sun4m LED driver"

help

This driver toggles the front-panel LED on sun4m systems

- in a user-specifiable manner. Its state can be probed
- by reading /proc/led and its blinking mode can be changed
- + in a user-specifiable manner. Its state can be probed
- + by reading /proc/led and its blinking mode can be changed

via writes to /proc/led

source "fs/Kconfig.binfmt"

diff -ru a/drivers/char/Kconfig b/drivers/char/Kconfig

```
--- a/drivers/char/Kconfig 2006-10-14 20:32:05.000000000 -0400
+++ b/drivers/char/Kconfig 2006-10-14 22:23:59.000000000 -0400
@@ -1002,7 +1002,7 @@
```

help

If you say Y here, you will have a miscdevice named "/dev/hpet". Each open selects one of the timers supported by the HPET. The timers are

- non-periodic and/or periodic.
- + non-periodic and/or periodic.

config HPET\_RTC\_IRQ

bool "HPET Control RTC IRQ" if !HPET\_EMULATE\_RTC

```
diff -ru a/drivers/media/dvb/dvb-core/Kconfig b/drivers/media/dvb/dvb-core/Kconfig
--- a/drivers/media/dvb/dvb-core/Kconfig 2006-10-14 20:32:06.000000000 -0400
```

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```
+++ b/drivers/media/dvb/dvb-core/Kconfig 2006-10-14 22:20:49.000000000 -0400
@@ -19,6 +19,6 @@
```

allow the card drivers to only load the frontend modules they require. This saves several KBytes of memory.

- Note: You will need module-init-tools v3.2 or later for this feature.

+ Note: You will need module-init-tools v3.2 or later for this feature.

If unsure say Y.

```
diff -ru a/drivers/media/video/Kconfig b/drivers/media/video/Kconfig
--- a/drivers/media/video/Kconfig 2006-10-14 20:32:07.000000000 -0400
+++ b/drivers/media/video/Kconfig 2006-10-14 22:14:19.000000000 -0400
@@ -24,7 +24,7 @@
```

decode audio/video standards. This option will autoselect all pertinent modules to each selected video module.

- Unselect this only if you know exactly what you are doing, since

+ Unselect this only if you know exactly what you are doing, since it may break support on some boards.

In doubt, say Y.

```
diff -ru a/drivers/mtd/maps/Kconfig b/drivers/mtd/maps/Kconfig
--- a/drivers/mtd/maps/Kconfig 2006-10-14 20:32:07.000000000 -0400
+++ b/drivers/mtd/maps/Kconfig 2006-10-14 22:28:46.000000000 -0400
@@ -607,7 +607,7 @@
default "4"
```

config MTD\_SHARP\_SL

- bool "ROM mapped on Sharp SL Series"

+ bool "ROM mapped on Sharp SL Series"

depends on MTD && ARCH\_PXA

help

This enables access to the flash chip on the Sharp SL Series of PDAs.

```
diff -ru a/drivers/net/Kconfig b/drivers/net/Kconfig
--- a/drivers/net/Kconfig 2006-10-14 20:32:07.000000000 -0400
+++ b/drivers/net/Kconfig 2006-10-14 22:45:48.000000000 -0400
@@ -32,7 +32,7 @@
```

tristate "Intermediate Functional Block support"

depends on NET\_CLS\_ACT

---help---

- This is an intermidiate driver that allows sharing of

+ This is an intermediate driver that allows sharing of resources.

To compile this driver as a module, choose M here: the module will be called ifb. If you want to use more than one ifb

```
@@ -2120,7 +2120,7 @@
```

Marvell 88E8021/88E8022/88E8035/88E8036/88E8038/88E8050/88E8052/  
88E8053/88E8055/88E8061/88E8062, SysKonnect SK-9E21D/SK-9S21

- This driver does not support the original Yukon chipset: a seperate

+ This driver does not support the original Yukon chipset: a seperate

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driver, skge, is provided for Yukon-based adapters.

To compile this driver as a module, choose M here: the module

```
@@ -2136,7 +2136,7 @@
```

This driver supports the original Yukon chipset. A cleaner driver is also available (skge) which seems to work better than this one.

- This driver does not support the newer Yukon2 chipset. A separate  
+ This driver does not support the newer Yukon2 chipset. A separate driver, sky2, is provided to support Yukon2-based adapters.

The following adapters are supported by this driver:

```
diff -ru a/drivers/net/phy/Kconfig b/drivers/net/phy/Kconfig
--- a/drivers/net/phy/Kconfig 2006-09-19 23:42:06.000000000 -0400
+++ b/drivers/net/phy/Kconfig 2006-10-14 22:16:01.000000000 -0400
@@ -61,8 +61,8 @@
depends on PHYLIB
---help---
```

Adds the driver to PHY layer to cover the boards that do not have any PHY bound,  
- but with the ability to manipulate with speed/link in software. The relevant MII  
- speed/duplex parameters could be effectively handled in user-specified function.  
+ but with the ability to manipulate with speed/link in software. The relevant MII  
+ speed/duplex parameters could be effectively handled in a user-specified function.  
Currently tested with mpc866ads.

config FIXED\_MII\_10\_FDX

```
diff -ru a/drivers/pci/Kconfig b/drivers/pci/Kconfig
--- a/drivers/pci/Kconfig 2006-10-14 20:32:21.000000000 -0400
+++ b/drivers/pci/Kconfig 2006-10-14 22:21:12.000000000 -0400
@@ -27,7 +27,7 @@
```

smaller speedup on single processor machines.

But it can also cause lots of bad things to happen. A number  
- of PCI drivers can not properly handle running in this way,  
+ of PCI drivers cannot properly handle running in this way,  
some will just not work properly at all, while others might  
decide to blow up power supplies with a huge load all at once,  
so use this option at your own risk.

```
diff -ru a/drivers/spi/Kconfig b/drivers/spi/Kconfig
--- a/drivers/spi/Kconfig 2006-09-19 23:42:06.000000000 -0400
+++ b/drivers/spi/Kconfig 2006-10-14 22:19:51.000000000 -0400
@@ -16,7 +16,7 @@
```

controller and a chipselect. Most SPI slaves don't support dynamic device discovery; some are even write-only or read-only.

- SPI is widely used by microcontrollers to talk with sensors,  
+ SPI is widely used by microcontrollers to talk with sensors,  
eeprom and flash memory, codecs and various other controller  
chips, analog to digital (and d-to-a) converters, and more.  
MMC and SD cards can be accessed using SPI protocol; and for  
diff -ru a/drivers/usb/host/Kconfig b/drivers/usb/host/Kconfig

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```
--- a/drivers/usb/host/Kconfig 2006-10-14 20:32:22.000000000 -0400
+++ b/drivers/usb/host/Kconfig 2006-10-14 22:35:22.000000000 -0400
@@ -153,7 +153,7 @@
adapter will *NOT* work with PC cards that do not contain an OHCI
controller.
```

- For those PC cards that contain multiple OHCI controllers only the
- + For those PC cards that contain multiple OHCI controllers only the first one is used.

The driver consists of two modules, the "ftdi-elan" module is a

```
diff -ru a/fs/Kconfig b/fs/Kconfig
--- a/fs/Kconfig 2006-10-14 20:32:22.000000000 -0400
+++ b/fs/Kconfig 2006-10-14 22:17:44.000000000 -0400
@@ -1141,7 +1141,7 @@
```

help

The BeOS File System (BeFS) is the native file system of Be, Inc's BeOS. Notable features include support for arbitrary attributes

- on files and directories, and database-like indices on selected
- + on files and directories, and database-like indices on selected attributes. (Also note that this driver doesn't make those features available at this time). It is a 64 bit filesystem, so it supports extremely large volumes and files.

```
diff -ru a/net/Kconfig b/net/Kconfig
--- a/net/Kconfig 2006-10-14 20:32:26.000000000 -0400
+++ b/net/Kconfig 2006-10-14 22:42:58.000000000 -0400
@@ -189,13 +189,13 @@
```

config (or if you simply don't have access to it).

The other possible usages of diverting Ethernet Frames are

- numerous:
- + numerous:
- reroute smtp traffic to another interface
- traffic-shape certain network streams
- transparently proxy smtp connections
- etc...

- For more informations, please refer to:

+ For more information, please refer to:

<<http://diverter.sourceforge.net/>>

<<http://perso.wanadoo.fr/magpie/EtherDivert.html>>

```
diff -ru a/sound/Kconfig b/sound/Kconfig
--- a/sound/Kconfig 2006-09-19 23:42:06.000000000 -0400
+++ b/sound/Kconfig 2006-10-14 22:37:52.000000000 -0400
@@ -64,11 +64,11 @@
```

source "sound/mips/Kconfig"

## the following will depend on the order of config.

## the following will depend on the order of config.

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```
# here assuming USB is defined before ALSA
source "sound/usb/Kconfig"
```

```
−# the following will depepend on the order of config.
+# the following will depend on the order of config.
# here assuming PCMCIA is defined before ALSA
source "sound/pcmcia/Kconfig"
```

−

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