

## [bk patches] 2.4.x quick fixes

**Source:** <http://linux.derkeiler.com/Mailing-Lists/Kernel/2003-08/8262.html>

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**From:** Jeff Garzik ([jgarzik\\_at\\_pobox.com](mailto:jgarzik_at_pobox.com))

**Date:** 08/31/03

Date: Sun, 31 Aug 2003 10:05:43 -0400  
To: [marcelo@parcelfarce.linux.theplanet.co.uk](mailto:marcelo@parcelfarce.linux.theplanet.co.uk)

Marcelo, please do a

bk pull bk://kernel.bkbits.net/jgarzik/misc-2.4

This will update the following files:

arch/i386/kernel/pci-irq.c | 1 +  
drivers/pci/pci.c | 2 +-  
include/linux/pci.h | 2 +-  
3 files changed, 3 insertions(+), 2 deletions(-)

through these ChangeSets:

<[jgarzik@redhat.com](mailto:jgarzik@redhat.com)> (03/08/31 1.1106)  
[BK] ignore auto-generated files lib/{crc32table.h,gen\_crc32table}

<[jgarzik@redhat.com](mailto:jgarzik@redhat.com)> (03/08/31 1.1105)  
[PCI] fix export of pdev\_set\_mwi/pci\_generic\_prep\_mwi

Missed in recent PCI MWI change.

<[jgarzik@redhat.com](mailto:jgarzik@redhat.com)> (03/08/31 1.1104)  
[ia32] add PCI id for VIA irq router

Noticed by Sebastian Reichelt.

```
diff -Nru a/arch/i386/kernel/pci-irq.c b/arch/i386/kernel/pci-irq.c
--- a/arch/i386/kernel/pci-irq.c Sun Aug 31 09:57:19 2003
+++ b/arch/i386/kernel/pci-irq.c Sun Aug 31 09:57:19 2003
@@ -610,6 +610,7 @@
     case PCI_DEVICE_ID_VIA_82C586_0:
     case PCI_DEVICE_ID_VIA_82C596:
     case PCI_DEVICE_ID_VIA_82C686:
+ case PCI_DEVICE_ID_VIA_8231:
     /* FIXME: add new ones for 8233/5 */
     r->name = "VIA";
```

Linux-Kernel: [bk patches] 2.4.x quick fixes

```

r->get = pirq_via_get;
diff -Nru a/drivers/pci/pci.c b/drivers/pci/pci.c
--- a/drivers/pci/pci.c Sun Aug 31 09:57:19 2003
+++ b/drivers/pci/pci.c Sun Aug 31 09:57:19 2003
@@ -2151,7 +2151,7 @@
EXPORT_SYMBOL(pci_set_master);
EXPORT_SYMBOL(pci_set_mwi);
EXPORT_SYMBOL(pci_clear_mwi);
-EXPORT_SYMBOL(pdev_set_mwi);
+EXPORT_SYMBOL(pci_generic_prep_mwi);
EXPORT_SYMBOL(pci_set_dma_mask);
EXPORT_SYMBOL(pci_dac_set_dma_mask);
EXPORT_SYMBOL(pci_assign_resource);
diff -Nru a/include/linux/pci.h b/include/linux/pci.h
--- a/include/linux/pci.h Sun Aug 31 09:57:19 2003
+++ b/include/linux/pci.h Sun Aug 31 09:57:19 2003
@@ -628,7 +628,7 @@
#define HAVE_PCI_SET_MWI
int pci_set_mwi(struct pci_dev *dev);
void pci_clear_mwi(struct pci_dev *dev);
-int pdev_set_mwi(struct pci_dev *dev);
+int pci_generic_prep_mwi(struct pci_dev *dev);
int pci_set_dma_mask(struct pci_dev *dev, u64 mask);
int pci_dac_set_dma_mask(struct pci_dev *dev, u64 mask);
int pci_assign_resource(struct pci_dev *dev, int i);
-
```

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