

# Re: [PATCH 36 of 38] xen: route hardware irqs via Xen

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  - *Date:* Thu, 20 Nov 2008 09:06:01 -0800
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Ingo Molnar wrote:

```
+#ifdef CONFIG_XEN_PCI
+ irq = xen_register_gsi(gsi, triggering, polarity);
+ if ((int)irq >= 0)
+ return irq;
+#endif
```

why not change irq to 'int' and avoid the cast?

Yeah, OK.

also, please eliminate the #ifdef by turning xen\_register\_gsi() into a 'return -1' inline on !CONFIG\_XEN\_PCI.

OK.

```
+#ifdef CONFIG_XEN_PCI
+ xen_pci_init();
+#endif
```

hide the #ifdef in a header please. (like you already properly do for xen\_setup\_pirqs())

OK.

```
+ if (rc != 0) {
+ if (!probing_irq(irq))
+ printk(KERN_INFO "Failed to obtain physical IRQ %d\n",
+ irq);
```

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```
+ dump_stack();
```

generally it's better to use WARN() or WARN\_ONCE() to get good debug feedback and stackdumps. (they also document the reason for the dump)

That was really just a temp debug hack; it shouldn't be dumping stack for probes anyway.

```
@@ -523,8 +526,6 @@
} else
irq = find_unbound_irq();
- spin_unlock(&irq_mapping_update_lock);
-
set_irq_chip_and_handler_name(irq, &xen_pirq_chip,
handle_level_irq, "pirq");
```

hm, looks like a stray bugfix?

Erm, yep.

J

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