

[PATCH] setting irq affinity is broken in ia32 with MSI enabled

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2005-11/9591.html>

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Date: 11/30/05

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Setting irq affinity stops working when MSI is enabled. With MSI, move_irq is empty, so we can't change irq affinity. It appears a typo in Ashok's original commit for this issue. X86_64 actually is using move_native_irq.

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--- a/arch/i386/kernel/io_apic.c 2005-11-29 22:22:16.000000000 -0800

+++ b/arch/i386/kernel/io_apic.c 2005-11-29 22:23:01.000000000 -0800

@@ -2009,7 +2009,7 @@ static void ack_edge_ioapic_vector(unsig

```
{
    int irq = vector_to_irq(vector);
```

```
- move_irq(vector);
```

```
+ move_native_irq(vector);
```

```
    ack_edge_ioapic_irq(irq);
```

```
}
```

@@ -2024,7 +2024,7 @@ static void end_level_ioapic_vector (uns

```
{
    int irq = vector_to_irq(vector);
```

```
- move_irq(vector);
```

```
+ move_native_irq(vector);
```

```
    end_level_ioapic_irq(irq);
```

```
}
```

-

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