

## Re: RFC: add udev support to parport\_pc

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Kernel/2005-12/msg08677.html>

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  - *Date:* Sat, 31 Dec 2005 12:07:47 -0600
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Thank you for the reply. Comments inline.

I would prefer to actually see == 0x378 in the code, because the hexadecimal number is what you see everywhere else, such as the BIOS POST and /proc/ioports. This also applies to 0x278 and 0x3BC below.

This is what I wanted but I could not figure out how do it. If you tell me how I will be happy to change it. I tried if (p->base == 0x378) but then class\_device\_create does not get executed.

```
> +      {
> +          class_device_create(parallel_class, NULL, MKDEV(6, 0), NULL,
> "lp0");
> +          class_device_create(parallel_class, NULL, MKDEV(99, 0), NULL,
> "parport0");
> +      }
```

Background info before: Because I burnt my on-board LPT port (applying too much volts or milliamps), I bought a dual-slot PCI add-in card. This card provides "parport1" and "parport2" at ports at 0xC800 and 0xC00 (/proc/ioports).

The last experience I have with off board cards was about 5 years ago. The choices for the two parallel ports were 378, 278, or 3BC. I was not aware that you had flexibility now.

There are a number of problems in your code:

1- testing just for 0x378/0x278/0x3BC is not enough

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2- parport0 could be 0xC800 (address may vary) if you do not have any onboard LPT ports.

2=> that is why I think you should not reserver "lp0"/"parport0" for 0x378.

As I said above I was not aware todays off board parallel ports had more choices. I will see what I can do to fix this. Do you have any suggestions?

Thanks,  
Jason

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