

freebsd-stable: Re: USB changes.

## Re: USB changes.

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/stable/2005-04/0936.html>

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**From:** Joe Altman ([fj\\_at\\_panix.com](mailto:fj_at_panix.com))

**Date:** 04/28/05

Date: Thu, 28 Apr 2005 15:05:33 -0400  
To: Julian Elischer <[julian@elischer.org](mailto:julian@elischer.org)>

On Thu, Apr 28, 2005 at 11:23:14AM -0700, Julian Elischer wrote:

>  
> >>>>  
> >  
> > *Currently, I find my P4 hanging just after discovering the parallel*  
> > *port and mounting disk; in other words, just here:*  
> >  
> > *ppc0: parallel port not found.*  
> > *ad0: 28629MB <ST330620A> [58168/16/63] at ata0-master UDMA100*  
> >  
> > *but ->only<- when my Logitech USB mouse is plugged in. Now, if I*  
> > *unplug it and hit reset (not Ctrl-Alt-Del; the keyboard is frozen) the*  
> > *system boots, and I can obtain X w/ a functional mouse. Yesterday, of*  
> > *course, prior to the USB change the system did not hang.*  
> >  
> >  
> > *I saw this problem in testing ad THOUGHT I had checked in the fix..*  
> >  
> > *Can you confirm that usb.c ends with:*  
> > *SYSINIT(usb\_cold\_explore, SI\_SUB\_INT\_CONFIG\_HOOKS, SI\_ORDER\_FIRST,*  
> > *usb\_cold\_explore, NULL);*

Hmmm...

`/usr/src/lib/libusbhid/`

Nope..

Aha...maybe this is it:

`/usr/src/usr.sbin/usbd/`

`ll /usr/src/usr.sbin/usbd/`

```
2734320 -rw-r--r-- 1 root wheel 169 Apr 25 2001 Makefile
2738254 -rw-r--r-- 1 root wheel 4460 Jun 22 2003 usbd.8
2736938 -rw-r--r-- 1 root wheel 30079 Nov 29 2003 usbd.c
```

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2737339 -rw-r--r-- 1 root wheel 5046 Aug 27 2004 usbd.conf.5

Is that the one?

Here is a part of 'tail -25' on the file, showing the bottom:

```
/* check the event queue */
    if (handle_events && (FD_ISSET(fd, &r) || error == 0))
    {
        if (verbose >= 2)
            printf("%s: processing event queue
%s\n",
                __progname,
                (error? "" : "due to timeout "),
                USBDEV);
        process_event_queue(fd);
    }
}
```

So no, this file doesn't end in what you ask; I can't see anywhere else it might live; is there some other usbd.c you need?

> >I noticed that some code was changed in between my discovery of the  
> >hanging and my attempt to fix it:  
> >  
> >Apr 27 21:15 subr\_bus.c  
> >  
> >but this change, and the subsequent world update, did not solve the  
> >issue of the hanging mouse.  
>  
> the changes that you are refering to include some to defer probing of the  
> USB 1.1 busses untill after the USB2.0 busses have been configured.

Ah...okay; well, I was in the dark anyway, may as well whistle.

> I'll see if I can duplicate your problem.. I tested with several USB 1.1  
> devices but a mounse was not amongst them.

Okay; it may be a one off, relative to me only, as I've seen no other indications of issues. I am behind on my list reading, though.

> I assume it works right if you remove the mouse before booting and reinsert  
> it after the kernel has booted?

Yes; once I have a console, the mouse is detected:

ums0: Logitech USB Receiver, rev 1.10/23.02, addr 2, iclass 3/1  
ums0: 7 buttons and Z dir.

Then, it works in X just fine; I forgot to test it on the console.

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I don't care what you think. This is not a stylishly insouciant stroll out of the jungle, here. It's more like we've fallen out of our trees and rolled, butt-naked before the entire galaxy, downhill. That, and we seem to have a teensy problem lifting ourselves off the ground.

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freebsd-stable@freebsd.org mailing list

<http://lists.freebsd.org/mailman/listinfo/freebsd-stable>

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