

## DragonFlyBSD - Bug #2061

### USB keyboard boot panic

05/02/2011 08:09 AM - sjg

<b>Status:</b>	New	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
<p>Since enabling ehci by default booting with my USB keyboard plugged in has caused the box to panic almost every time (9 out of 10 or more), when it does not panic the keyboard works. Prior to this (ohci only) the keyboard would not work if plugged in during boot almost every time (9 out of 10 or more), but would work fine every time if plugged in after boot. Plugging it in after boot still works fine w/ ehci.</p> <p>The panic in question is panic: ohci_add_done: addr 0x???????? not found, the call stack includes ohci_intr().</p> <p>It seems the ohci driver is servicing an interrupt and the conditions are right to enter ohci_add_done(), but the ohci_hash_find_*s are unsuccessful.</p> <p>Adding kprintf's to ohci_hash_add_* and ohci_hash_rem_* cause the box to boot with a working keyboard a much greater percentage of the time, seemingly indicating a race / something timing related.</p>			

#### History

##### #1 - 05/02/2011 08:41 AM - sjg

The new ACPI appears to paper over this issue.

I will note that it is an SMP box running master w/ APIC\_IO enabled.

USB Controller is an Nvidia MCP51.

##### #2 - 05/04/2012 12:20 AM - raitech

Same issue here:

dfbsd 3.0.2 x86\_64 over an AMD Phenon X2 565/X4 B65, asus M4A78LT-M LE with AMD 760G(780L)/SB710 chipset. The output is something like this:

```
panic: ohci_add_done: addr 0x03761eb0 not found
```

```
.
```

```
.
```

```
CPU0 stopping CPU1: 0x0...02
```

```
stopped at +0x39: movb $0,0x1b77b06(%rip)
```

Bootup normaly when unplugged the usb keyboard and plugged again after the boot.