

DragonFlyBSD - Bug #1802

AHCI timeouts on SMP APIC_IO system

08/12/2010 07:56 AM - alexh

Status: Closed	Start date:
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version:	
Description When running an SMP kernel with APIC_IO on my ThinkPad T60, AHCI times out as shown in the images below. I'm running master from about 8 hours ago. http://leaf.dragonflybsd.org/~alexh/ahci1.jpg http://leaf.dragonflybsd.org/~alexh/ahci2.jpg http://leaf.dragonflybsd.org/~alexh/ahci3.jpg http://leaf.dragonflybsd.org/~alexh/ahci4.jpg	

History

#1 - 09/22/2010 06:08 PM - dillon

:New submission from Alex Hornung <ahornung@gmail.com>:

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:When running an SMP kernel with APIC_IO on my ThinkPad T60, AHCI times out as shown in the images below. I'm running master from about 8 hours ago.

:<http://leaf.dragonflybsd.org/~alexh/ahci1.jpg>

:<http://leaf.dragonflybsd.org/~alexh/ahci2.jpg>

:<http://leaf.dragonflybsd.org/~alexh/ahci3.jpg>

:<http://leaf.dragonflybsd.org/~alexh/ahci4.jpg>

Looks like interrupt routing, meaning it might not work with APIC_IO but might work without, or with/without ACPI (which is the problem I am having on my test box).

You can also try running with the emergency interrupt polling enabled to see if that allows the system to boot. It isn't a solution but it will verify what the problem is.

-Matt

Matthew Dillon

<dillon@backplane.com>

#2 - 10/10/2010 07:14 AM - alexh

works without APIC_IO.