

freebsd-hackers: Re: PCI memory alloc..!

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From: M. Warner Losh (*imp_at_bsdimp.com*)

Date: 06/29/04

Date: Tue, 29 Jun 2004 10:08:48 -0600 (MDT)

To: tobe_better@hotmail.com

In message: <BAY22-F21n8P5o7P6um0003a4ff@hotmail.com>

"Auge Mike" <tobe_better@hotmail.com> writes:

: While I was trying to track to find out how a device alloc a new memory
: resource, I have been little confused on finding out how the new PCI device
: can deal with a case when the activation calls pmap_mapdev????
:
: What I need to understand that what will happen if pmap_mapdev allocated a
: new space that dose not match what is expected by the device and determined
: by r_start and r_end ??

The pci bus deals with allocating and mapping the memory. Getting the bus handle and bus tags will let you access it via the bus_space routines or the bus_dma routines. pmap_mamdev is done under the covers and you'll not need to worry about such things.

Warner

freebsd-hackers@freebsd.org mailing list

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

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