

## Re: API change for bus\_dma

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/arch/2003-06/0343.html>

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**From:** Andrew Gallatin ([gallatin\\_at\\_cs.duke.edu](mailto:gallatin_at_cs.duke.edu))

**Date:** 06/30/03

Date: Mon, 30 Jun 2003 09:59:36 -0400 (EDT)

To: "Justin T. Gibbs" <[gibbs@scsiguy.com](mailto:gibbs@scsiguy.com)>

Justin T. Gibbs writes:

> > *As I understand it, it is possible to set the psycho bridge to use*  
> > *a coherent address range, but FreeBSD doesn't take advantage of that*  
> > *yet.*  
> > >  
> >  
> > *Yes, that's what solaris does..*  
>  
> *We added BUS\_DMA\_COHERENT to the API just before shipping 5.1. It*  
> *is only a "hint", so if you need to verify that the implementation*  
> *was able to give you coherent memory, we should add an API to allow*  
> *you to know. Of course, the Sparc bus dma implementation doesn't honor*  
> *the flag yet, but I'm sure that will change shortly.*  
>

Thanks Justin!

Drew

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