

## Re: newbus flaw

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/arch/2004-05/0032.html>

---

**From:** Dag-Erling Smørgrav (*des\_at\_des.no*)

**Date:** 05/12/04

To: arch@freebsd.org

Date: Wed, 12 May 2004 22:30:16 +0200

John-Mark Gurney <gurney\_j@efn.org> writes:

> *You're always going to be a child of nexus, and since I assume from  
> the comment that there can only ever be one child. Also, why do you  
> find\_child w/ unit number 0, but then add a child with unit -1? Why  
> not add it unit 0, and make it fail if that already exists?*

just didn't think about it. the documentation is somewhat lacking, so some of the code is based on examining existing code and headers and guessing at what it all means.

> *Also, it seems to me that if dev already exists, that you shouldn't  
> reset the driver and desc. This should be harmless, but if for some  
> reason you are called on an attached device, it could cause problems.*

it'll all go pear-shaped if you don't. if an ichwd device already exists, it is a leftover from a previous module load / unload cycle and the driver\_t it references no longer exists. ichwd\_identify() should probably KASSERT that the device it finds isn't attached - I'm pretty sure it can't happen.

DES

--

Dag-Erling Smørgrav - des@des.no

---

freebsd-arch@freebsd.org mailing list

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

To unsubscribe, send any mail to "freebsd-arch-unsubscribe@freebsd.org"