

## Re: kldunload DIAGNOSTIC idea...

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/arch/2004-07/0100.html>

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**From:** Poul-Henning Kamp (*phk\_at\_phk.freebsd.dk*)

**Date:** 07/21/04

To: Doug Rabson <[dfre@nlsystems.com](mailto:dfre@nlsystems.com)>  
Date: Wed, 21 Jul 2004 14:29:21 +0200

In message <1090412431.7114.13.camel@builder02.qubesoft.com>, Doug Rabson writes:

>> *The problem is that I cannot find the device\_t without dereferencing  
>> the struct cdev (either for si\_driver[12] or the dev\_t) and by then  
>> it is too late. There is no way we can avoid recounting on the cdev.  
>  
>Ok, so you are going to handle this in specfs (or whatever replaces  
>specfs)? That makes sense.*

That's the only way I can see to avoid tons of copy&paste code all over the drivers, because it's all the same for them.

*>Any ideas on how network interfaces should  
>work in this?*

I talked with Robert briefly about this yesterday, and the problem there is that struct ifnet is embedded in the softc. If the softc had a pointer to the ifnet, then we could do something similar, but as long as it's embedded we're stuck.

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Poul-Henning Kamp | UNIX since Zilog Zeus 3.20  
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Never attribute to malice what can adequately be explained by incompetence.

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