

## Re: HEADSUP: Change of makedev() semantics.

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/arch/2003-10/0009.html>

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**From:** Bernd Walter ([ticso\\_at\\_cicely12.cicely.de](mailto:ticso_at_cicely12.cicely.de))

**Date:** 09/29/03

Date: Mon, 29 Sep 2003 01:38:23 +0200  
To: Poul-Henning Kamp <[phk@phk.freebsd.dk](mailto:phk@phk.freebsd.dk)>

On Sun, Sep 28, 2003 at 11:22:07PM +0200, Poul-Henning Kamp wrote:

>  
> *I am in the process of adding ref-counting and locking to dev\_t,*  
> *and would very much prefer if we could get this step completed*  
> *soon before 5-STABLE gets branched.*  
>  
> *All this will be transparent to the majority of device drivers, as*  
> *the refcounting will happen in the make\_dev() and destroy\_dev()*  
> *family of calls and normal drivers need not know more about it.*  
>  
> *But there are a few remaining users of makedev() which get in the*  
> *way of this effort, and we must get these fixed.*  
>  
> *Basically:*  
>  
> *1. Do not call makedev().*  
>  
> *2. If you do cloning, please look at the patches I posted*  
> *for if\_tun/if\_tap for how to do it.*  
>  
> *3. If you do a "normal" device driver, cache the result*  
> *from when you call make\_dev().*  
>  
> *4. If you translate "foreign dev\_t's", ie emulators or*  
> *compat code, contact me. I'm not sure I understand*  
> *how this works and should work and we need to talk.*  
>  
> *5. If anything else or in doubt, ask me.*  
>  
> *Can I see some volunteers and/or maintainers please ?*  
>  
> *./alpha/osf1/osf1\_misc.c*  
> *badly named local macro ?*

Unused code.

umakedev is used within a macro but nowhere defined it seems.  
makedev is used as a macroname, but ifdef'ed 0.

