

Re: dev_lock() question

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From: John Baldwin (jhb_at_FreeBSD.org)

Date: 09/29/05

To: "Poul-Henning Kamp" <phk@phk.freebsd.dk>

Date: Thu, 29 Sep 2005 14:55:58 -0400

On Thursday 29 September 2005 02:14 pm, Poul-Henning Kamp wrote:

> In message <200509291408.18098.jhb@FreeBSD.org>, John Baldwin writes:

> > Actually, you would think that it could be initialized either via an early

> > SYSINIT() or in the init_mutexes() function in kern_mutex.c and thus not

> > need the early check and avoid penalizing dev_lock().

> >

> > phk, how early his dev_lock needed?

>

> Far too early due to console madness (in syscons I believe).

So would mutex_init() work? It's called very early in the MD startup code right after things like curthread are initialized. If dev_lock() is called before mutex_init() it can't work right anyway as mtx_init() doesn't work until then.

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