
Subject: Re: [PATCH] Move kasprintf.o to obj-y
Posted by [akpm](#) on Mon, 24 Sep 2007 08:21:17 GMT
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On Mon, 24 Sep 2007 09:09:48 +0100 Christoph Hellwig <hch@infradead.org> wrote:

> On Mon, Sep 24, 2007 at 09:59:49AM +0200, Sam Ravnborg wrote:
> > > Please kill lib-y while you're at it. It's useless and a constant
> > > source of pain like this.
> > Kernel-bloat is another "constant source of pain".
> > But the troubles are that increased blot does not result in compiler erros.
> >
> > And your proposal to kil lib-y is a counter-act here.
>
> Killing lib-y doesn't create kernel bloat if done right. Just introduce
> proper Kconfig dependencies for the truely optional parts. But if you
> look at the list of objects in lib-y you'll see that they fall in basically
> three categories:
>
> (1) always used by core code - should be obj-y
> (2) generic implementation for arch-specific functionality, should be
> guarded by Kconfig for clarity reasons anyway
> (3) library code often but not always used by code that's not always
> built in. Here we run into the move to obj-y to avoid compiler
> warning when used as module issue all the time. Adding a CONFIG
> for the bigger onces actually avoids bloat over obj-y here, and
> when it's small enough obj-y is a lot safer in the presence of
> modular users
>
> Really, trying to use the old static library use on demand concept simply
> doesn't fit the way the kernel is built with it's modules and dependencies.

yup, it duplicates what the config system does and is a common source of problems.
