

---

Subject: Re: [PATCH] Move kasprintf.o to obj-y  
Posted by [Christoph Hellwig](#) on Mon, 24 Sep 2007 08:09:48 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

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 ones 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.

---