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Subject: Re: [PATCH] fail kernel compilation in case of unresolved symbols (v2)  
Posted by [Andrew Morton](#) on Thu, 07 Sep 2006 16:27:38 GMT  
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On Thu, 07 Sep 2006 19:23:49 +0400  
Kirill Korotaev <dev@sw.ru> wrote:

> Olaf Hering wrote:  
> > On Thu, Sep 07, Adrian Bunk wrote:  
> >  
> >  
> >> If any module shipped with the kernel has in any configuration  
> >> unresolved symbols that's a bug that should be reported, not ignored.  
> >  
> >  
> > Yes, but on request when building the package. Not per default.  
> > I probably missed the reason why this is now suddenly a problem.  
> It is not that sudden at all. I experienced this problem many times so far  
> and working with a build system came to the idea of failing  
> builds when there are unresolved symbols.  
>  
> I'm pretty sure that having this patch in mainstream  
> will make unresolved symbols a rare problem as many of them will be fixed soon.  
> So I'm pretty agree with Adrian that modules with unresolved symbols is a bug  
> and it MUST be fixed.  
> I would be very much interested to hear Andrew opinion on this as  
> he probably makes kernels even more often than any of us :)  
>

Am sympathetic to the idea.

Some architectures (eg sparc64) generate large numbers of unresolved module symbol warnings during an allmodconfig build. It's not a big problem in practice - these are subsystems which everyone statically links anyway.

But it does mean that additional work needs to be done if we want to prevent these allmodconfig builds from erroring out.

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