
Subject: Re: [PATCH][NETNS] Move some code into __init section when CONFIG_NET_NS=n

Posted by [Alexey Dobriyan](#) on Thu, 04 Oct 2007 14:02:02 GMT

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On Thu, Oct 04, 2007 at 05:54:11PM +0400, Pavel Emelyanov wrote:

> With the net namespaces many code leaved the __init section,
> thus making the kernel occupy more memory than it did before.
> Since we have a config option that prohibits the namespace
> creation, the functions that initialize/finalize some netns
> stuff are simply not needed and can be freed after the boot.
>
> Currently, this is almost not noticeable, since few calls
> are no longer in __init, but when the namespaces will be
> merged it will be possible to free more code. I propose to
> use the __net_init, __net_exit and __net_initdata "attributes"
> for functions/variables that are not used if the CONFIG_NET_NS
> is not set to save more space in memory.

```
> +#ifdef CONFIG_NET_NS  
> +#define __net_init  
> +#define __net_exit  
> +#define __net_initdata  
> +#else  
> +#define __net_init __init  
> +#define __net_exit __exit  
> +#define __net_initdata __initdata  
> +#endif
```

Yet another set of double-underscored section annotations is the last thing that is needed, methinks. :)
