Subject: Re: Purpose of __net_exit & friends
Posted by davem on Fri, 29 Feb 2008 20:23:55 GMT

From: Sam Ravnborg <sam@ravnborg.org>
Date: Fri, 29 Feb 2008 21:12:47 +0100

> On Fri, Feb 29, 2008 at 11:23:42AM -0800, David Miller wrote:
> > From: "Denis V. Lunev" <den@openvz.org>
> > Date: Fri, 29 Feb 2008 16:40:58 +0300
> >
> > > +static void __net_exit icmpv6_sk_exit(struct net *net)
> > > +{
> >
> > Since you call this from __new_init code, won't this
> > create a section conflict when ipv6 is built statically
> > into the kernel?
>
> I have noticed this __net_init/__net_exit stuff before
> but never got around to ask about it.
>
> Whats the actual purpose and are there any strict
> rules as to what may be called from where?
> If there are we should apply the same checks as we do
> for __devinit/__devexit and friends.

Basically, if network namespace support isn't enabled,
these functions can act like normal __init and __exit
functions.

Otherwise we have to keep them around so that they can
be called when namespaces are created and destroyed.
_____
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