Subject: Re: namespace support requires network modules to say "GPL"
Posted by ebiederm on Sat, 01 Dec 2007 23:13:07 GMT
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Mark Lord <lkml@rtr.ca> writes:

> Arjan van de Ven wrote:
>> On Sat, 01 Dec 2007 15:21:12 -0500
>> Mark Lord <lkml@rtr.ca> wrote:
>>
>>> Eric W. Biederman wrote:
>>>> Stephen Hemminger <shemminger@linux-foundation.org> writes:
>>>> Sure. We keep the updated dev_get_by_XXXX that takes a network
>>>> namespace parameter.
>>> ..
>>>
>>> And what should code be passing in when "# CONFIG_NET_NS is not set" ?
>>
>> network drivers probably really really don't want to call
>> dev_get_by_XXX...
> ..
>
> Fine. But all of them want to call sk_alloc(),

network drivers should be calling sk_alloc less then they should
call dev_get_by_XXXX. Only protocols call sk_alloc.

> and many want to do register_netdev().

I haven't even touched register_netdev.

> So what should they be using there ?

What are you having problems with?

It is hard to answer specific questions without a context.

Eric

_____
Containers mailing list
Containers@lists.linux-foundation.org
https://lists.linux-foundation.org/mailman/listinfo/containers

Subject: Re: namespace support requires network modules to say "GPL"
Posted by Jiri Slaby on Sat, 01 Dec 2007 23:24:10 GMT
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On 12/02/2007 12:13 AM, Eric W. Biederman wrote:
> Mark Lord <lkml@rtr.ca> writes:
>> Fine. But all of them want to call sk_alloc(),
>
> network drivers should be calling sk_alloc less then they should
> call dev_get_by_XXXX. Only protocols call sk_alloc.
>
>> and many want to do register_netdev().
>
> I haven't even touched register_netdev.
>
>> So what should they be using there ?
>
> What are you having problems with?
>
> It is hard to answer specific questions without a context.

VMware vmnet.

_____
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Subject: Re: namespace support requires network modules to say "GPL"
Posted by Mark Lord on Sat, 01 Dec 2007 23:51:28 GMT
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Eric W. Biederman wrote:
> Mark Lord <lkml@rtr.ca> writes:
>
>> Arjan van de Ven wrote:
>>> On Sat, 01 Dec 2007 15:21:12 -0500
>>> Mark Lord <lkml@rtr.ca> wrote:
>>>
>>>> Eric W. Biederman wrote:
>>>>> Stephen Hemminger <shemminger@linux-foundation.org> writes:
>>>>> Sure. We keep the updated dev_get_by_XXXX that takes a network
>>>>> namespace parameter.
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>>>> And what should code be passing in when "# CONFIG_NET_NS is not set" ?
>>> network drivers probably really really don't want to call
>>> dev_get_by_XXX...
>> ..
>>
>> Fine. But all of them want to call sk_alloc(),
>

> network drivers should be calling sk_alloc less then they should
> call dev_get_by_XXXX. Only protocols call sk_alloc.
..

I think I saw some bridge code that calls it, too.
Regardless, it's EXPORT_SYMBOL(), but now unusable
due to the GPL-only symbol "init_net".

Meanwhile, you are avoiding answering the question:

>>>> And what should code be passing in when "# CONFIG_NET_NS is not set" ?
..

>> and many want to do register_netdev().
>
> I haven't even touched register_netdev.
..

Bull-pucky. Somebody did:

> @@ -3361,6 +3595,8 @@ int register_netdevice(struct net_device *dev)
>
>   /* When net_device's are persistent, this will be fatal. */
>   BUG_ON(dev->reg_state != NETREG_UNINITIALIZED);
> +   BUG_ON(!dev->nd_net);
> +   net = dev->nd_net;
>
>   spin_lock_init(&dev->queue_lock);
>   spin_lock_init(&dev->_xmit_lock);
..

That new BUG_ON() line complains if nd_net has not been initialized,
and the only thing I see drivers putting there is GPL-only "&init_net".

>> So what should they be using there ?
>
> What are you having problems with?
..

Avoiding the question again there, too.

I personally am not having problems with anything.
But I noticed the API change, and would like somebody to fix it.
Any of the three ways (or a fourth, if you've got one) might do.

Cheers

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Containers mailing list