
Subject: Re: namespace support requires network modules to say "GPL"

Posted by [Mark Lord](#) on Sat, 01 Dec 2007 20:21:12 GMT

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Eric W. Biederman wrote:

> Stephen Hemminger <shemminger@linux-foundation.org> writes:

>

>> Actually, the whole mess would go away if the api for dev_get_by_XXXX hadn't

>> been changed in the namespace transition. IMHO the interface to

>> dev_get_by_name()

>> should not have added a namespace parameter, of the callers in the tree, only

>> two use a different namespace. So it would have been better to to introduce

>> dev_get_by_name_ns() with the extra parameter.

>

> As a general rule if you are calling dev_get_by_name and taking an &init_net

> parameter that means you code has not yet been converted to actually support

> network namespaces.

>

> Not everything can be safely changed at once so we take it by steps. When

> the code fully supports network namespaces practically nothing will take

> an &init_net parameter. The network namespace parameter will come in

> some form from userspace. Either from current or from the network

> socket.

>

> Except for boot time initialization I don't know of any cases using

> dev_get_by_XXXX that won't need to be modified before the network

> namespace work is complete.

>

> I believe I mentioned that this getting the fully network namespace

> support was going to take a while and a bunch of patches at the

> outset.

>

>> Can we get this resolved before 2.6.24 is released? Going back and forth

>> on API's is just needless frottage.

>

> 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" ?

Containers mailing list

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