
Subject: Re: [PATCH 2/2] move unneeded data to initdata section

Posted by [den](#) on Thu, 15 Nov 2007 14:39:53 GMT

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Eric W. Biederman wrote:

> "Denis V. Lunev" <den@openvz.org> writes:

>

>> This patch reverts Eric's commit 2b008b0a8e96b726c603c5e1a5a7a509b5f61e35

>>

>> It diets .text & .data section of the kernel if CONFIG_NET_NS is not set.

>> This is safe after list operations cleanup.

>

> Ok. This patch is technically safe because none of the touched

> code can live in a module and so we never touch the exit code path.

>

> However in the general case and as a code idiom this __net_initdata

> on struct pernet_operations is fundamentally horribly broken.

>

> Look at what happens if we use this idiom in module. There

> is only one definition of __initdata ".init.data". The module

> loader places all sections that begin with .init in a region of

> memory that will be discarded after module initialization.

nothing is discarded after module load. Though, I can be wrong. Could you point me to the exact place?

Regards,

Den

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