
Subject: Re: Playing with namespaces and bloat-o-meeter

Posted by [serue](#) on Wed, 26 Sep 2007 13:30:19 GMT

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Quoting Cedric Le Goater (clg@fr.ibm.com):

> Cedric Le Goater wrote:

> > Serge E. Hallyn wrote:

> > > Quoting Pavel Emelyanov (xemul@openvz.org):

> > > > Hi, guys!

> > > >

> > > > I've noticed that compiling out all the core related to

> > > > cloning and cleaning the new namespace saves us more than

> > > > a Kbyte (!) from the vmlinux.

> > > >

> > > > add/remove: 19/0 grow/shrink: 6/6 up/down: 1532/-336 (1196)

> > > > function old new delta

> > > > copy_user_ns - 181 +181

> > > > copy_ipcs - 149 +149

> > > > copy_utsname - 120 +120

> > > > shm_exit_ns - 106 +106

> > > > sem_exit_ns - 106 +106

> > > > msg_exit_ns - 106 +106

> > > > freeary - 100 +100

> > > > release_uids - 95 +95

> > > > freeque - 92 +92

> > > > free_nsproxy 48 99 +51

> > > > __sem_init_ns - 45 +45

> > > > shm_init_ns - 42 +42

> > > > sem_init_ns - 42 +42

> > > > msg_init_ns - 42 +42

> > > > __shm_init_ns - 38 +38

> > > > create_new_namespaces 300 335 +35

> > > > __msg_init_ns - 31 +31

> > > > sysvipc_proc_release 5 35 +30

> > > > free_ipc_ns - 30 +30

> > > > do_shm_rmid - 29 +29

> > > > shm_release 18 39 +21

> > > > free_user_ns - 16 +16

> > > > sysvipc_proc_open 100 111 +11

> > > > do_shmat 778 787 +9

> > > > free_uts_ns - 5 +5

> > > > sys_shmctl 1934 1907 -27

> > > > msg_init 82 47 -35

> > > > shm_init 92 47 -45

> > > > sem_init 99 44 -55

> > > > sys_msgctl 1394 1311 -83

> > > > sys_semctl 2123 2032 -91

> > > >

> >>> Since there already were some questions like "do I need it
> >>> on my cellphone?" in reply to pid namespaces patches and
> >>> so on, why don't we make ALL the namespaces cloning code
> >>> under the config option to make those people happy?
> >>>
> >>> Here's the proposed patch.
> >> How about a single config variable for all namespaces?
> >
> > yes good idea.
>
>
> oops, that done already in the patch : CONFIG_NAMESPACES
>
> thanks :)

That at least organizes them all in Kconfig. I meant one
config variable, period.

Then instead of adding CONFIG_USER_NS and such whlie they are
experimental, put all experimental namespaces (i.e. maybe soon
user and network) under CONFIG_NAMESPACES_EXPERIMENTAL.

-serge

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