
Subject: Re: [PATCH][RFC] Cleanup in namespaces unsharing
Posted by [Pavel Emelianov](#) on Fri, 08 Jun 2007 11:23:08 GMT
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Cedric Le Goater wrote:

> Pavel Emelianov wrote:

>> Currently we have two funtions to copy the namespaces:

>> copy_namespaces() and unshare_nsproxy_namespaces(). The

>> second one checks for unsupported functionality with

>>

>> #ifndef CONFIG_IPC_NS

>> if (unshare_flags & CLONE_NEWIPC)

>> return -EINVAL;

>> #endif

>>

>> -like constructions, while the first one does not. One

>> of the side effects of this is that clone() with the

>> CLONE_NEWXXX set will return 0 if the kernel doesn't

>> support XXX namespaces thus confusing the user-level.

>>

>> The proposal is to make these calls clean from the ifdefs

>> and move these checks into each namespaces' stubs. This

>> will make the code cleaner and (!) return -EINVAL from

>> fork() in case the desired namespaces are not supported.

>>

>> Did I miss something in the design or this patch worth merging?

>

> I've sent a more brutal patch in the past removing CONFIG_IPC_NS

> and CONFIG_UTS_NS. Might be a better idea ?

In case namespaces do not produce performance loss - yes.

By that patch I also wanted to note that we'd better make
all the other namespaces check for flags themselves, not
putting this in the generic code.

> Let me refresh it and resend.

>

> C.

>
