
Subject: Re: [PATCH 2.6.24-rc3-mm1] IPC: consolidate sem_exit_ns(),
msg_exit_ns and shm_exit_ns()

Posted by [akpm](#) on Tue, 27 Nov 2007 06:46:36 GMT

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On Mon, 26 Nov 2007 22:44:38 -0800 Andrew Morton <akpm@linux-foundation.org> wrote:

> On Fri, 23 Nov 2007 17:52:50 +0100 Pierre Peiffer <pierre.peiffer@bull.net> wrote:

>
> > sem_exit_ns(), msg_exit_ns() and shm_exit_ns() are all called when an ipc_namespace is
> > released to free all ipcs of each type.
> > But in fact, they do the same thing: they loop around all ipcs to free them
> > individually by calling a specific routine.
> >
> > This patch proposes to consolidate this by introducing a common function, free_ipcs(),
> > that do the job. The specific routine to call on each individual ipcs is passed as
> > parameter. For this, these ipc-specific 'free' routines are reworked to take a
> > generic 'struct ipc_perm' as parameter.
>
> This conflicts in more-than-trivial ways with Pavel's
> move-the-ipc-namespace-under-ipc_ns-option.patch, which was in
> 2.6.24-rc3-mm1.
>

err, no, it wasn't that patch. For some reason your change assumes that
msg_exit_ns() (for example) doesn't have these lines:

```
kfree(ns->ids[IPC_MSG_IDS]);  
ns->ids[IPC_MSG_IDS] = NULL;
```

in it.

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