Subject: Re: [patch -mm 2/4] mqueue namespace : add unshare support
Posted by Oren Laadan on Thu, 29 Nov 2007 20:14:14 GMT
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Cedric Le Goater wrote:
>>> Index: 2.6.24-rc3-mm2/include/linux/sched.h
>>> ===
>>> --- 2.6.24-rc3-mm2.orig/include/linux/sched.h
>>> +++ 2.6.24-rc3-mm2/include/linux/sched.h
>>> @@ -27,6 +27,7 @@
>>> #define CLONE_NEWUSER 0x10000000 /* New user namespace */
>>> #define CLONE_NEWPID 0x20000000 /* New pid namespace */
>>> #define CLONE_NEWNET 0x40000000 /* New network namespace */
>>> +#define CLONE_NEWMQ 0x80000000 /* New posix mqueue namespace */
>> That's it :) We've run out of clone flags on 32-bit platforms :(
>
> yes.
>
> I have been giving some thoughts to a clone2() to extend the flags but
> andrew is preparing to recycle CLONE_DETACHED and CLONE_STOPPED for
> 2.6.26. Some we might have some more time in front of us.

Two comments:

1) Does it ever make any sense to clone the IPC namespace *without* doing
so also for the MQ namespace or vice versa ? Unless there is a good
reason for doing so, a single CLONE_IPCMQ flag would suffice.

2) Before coming up with a new clone2() or other solution, what about the
proposed (and debated) sys_indrect() -- if it gets merged it can provide
the solution.

Oren.

>
> C.
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