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Subject: Re: [patch -mm] update mq\_notify to use a struct pid  
Posted by [Cedric Le Goater](#) on Mon, 11 Sep 2006 10:17:26 GMT  
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Eric W. Biederman wrote:

> Cedric Le Goater <clg@fr.ibm.com> writes:  
>  
>> message queues can signal a process waiting for a message.  
>>  
>> this patch replaces the pid\_t value with a struct pid to avoid pid wrap  
>> around problems.  
>>  
>> Signed-off-by: Cedric Le Goater <clg@fr.ibm.com>  
>> Cc: Eric Biederman <ebiederm@xmission.com>  
>> Cc: Andrew Morton <akpm@osdl.org>  
>> Cc: containers@lists.osdl.org  
>  
> Signed-off-by: Eric Biederman <ebiederm@xmission.com>  
>  
> I was just about to send out this patch in a couple more hours.

Well, you did the same with the usb/devio.c and friends :)

> So expect the fact we wrote the same code is a good sign :)

How does oleg feel about it ? I've seen some long thread on possible race conditions with put\_pid() and solutions with rcu. I didn't quite get all of it ... it will need another run for me.

On the "pid\_t to struct pid\*" topic:

\* I started smbfs and realized it was useless.

\* in the following, the init process is being killed directly using 1. I'm not sure how useful it would be to use a struct pid. To begin with, may be they could use a :

kill\_init(int signum, int priv)

./arch/mips/sgi-ip32/ip32-reset.c  
./arch/powerpc/platforms/iserius/mf.c  
./drivers/parisc/power.c  
./drivers/char/snsc\_event.c  
./kernel/sys.c  
./kernel/sysctl.c  
./drivers/char/nwbutton.c  
./drivers/s390/s390mach.c

- \* some more drivers,
- \* some more kthread to convert

C.

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Containers mailing list

Containers@lists.osdl.org

<https://lists.osdl.org/mailman/listinfo/containers>

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