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Subject: Re: [PATCH v6 08/10] IPC: message queue receive cleanup  
Posted by [Stanislav Kinsbursky](#) on Tue, 16 Oct 2012 07:56:50 GMT  
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> On Mon, 2012-10-15 at 20:00 +0400, Stanislav Kinsbursky wrote:

>> This patch moves all message related manipulation into one function msg\_fill().

>> Actually, two functions because of the compat one.

>>

>> Signed-off-by: Stanislav Kinsbursky <[skinsbursky@parallels.com](mailto:skinsbursky@parallels.com)>

>> ---

>> include/linux/msg.h | 5 +++--

>> ipc/compat.c | 36 ++++++++-----

>> ipc/msg.c | 44 ++++++++-----

>> 3 files changed, 45 insertions(+), 40 deletions(-)

>>

>> diff --git a/include/linux/msg.h b/include/linux/msg.h

>> index 7a4b9e9..f38edba 100644

>> --- a/include/linux/msg.h

>> +++ b/include/linux/msg.h

>> @@ -34,7 +34,8 @@ struct msg\_queue {

>> /\* Helper routines for sys\_msgsnd and sys\_msgrcv \*/

>> extern long do\_msgsnd(int msqid, long mtype, void \_\_user \*mtext,

>> size\_t msgsz, int msgflg);

>> -extern long do\_msgrcv(int msqid, long \*pmtyp, void \_\_user \*mtext,

>> - size\_t msgsz, long msgtyp, int msgflg);

>> +extern long do\_msgrcv(int msqid, void \_\_user \*buf, size\_t bufsz, long msgtyp,

>> + int msgflg,

>> + long (\*msg\_fill)(void \_\_user \*, struct msg\_msg \*, size\_t ));

>>

>> #endif /\* \_LINUX\_MSG\_H \*/

>> diff --git a/ipc/compat.c b/ipc/compat.c

>> index 84d8efd..b879d50 100644

>> --- a/ipc/compat.c

>> +++ b/ipc/compat.c

> [...]

>> @@ -394,7 +395,8 @@ long compat\_sys\_msgrcv(int msqid, struct compat\_msgbuf \_\_user  
\*msgp,

>> {

>> long err, mtype;

>>

>> - err = do\_msgrcv(msqid, &mtype, msgp->mtext, (ssize\_t)msgsz, msgtyp, msgflg);

>> + err = do\_msgrcv(msqid, &mtype, msgp->mtext, (ssize\_t)msgsz, msgtyp,

>> + msgflg, compat\_do\_msg\_fill);

>> if (err < 0)

>> goto out;

>>

> [...]

>  
> That isn't even the right number of arguments now...  
>

Thanks, will fix.

> Ben.  
>

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Best regards,  
Stanislav Kinsbursky

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