
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>

>> ---

>> 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
