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Subject: Re: [PATCH 3/3] user.c: #ifdef ->mq\_bytes  
Posted by [Cedric Le Goater](#) on Fri, 21 Sep 2007 09:55:50 GMT  
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Hello Alexey !

Alexey Dobriyan wrote:

```
> for those who deselect POSIX message queues.
>
> Reduces SLAB size of user_struct from 64 to 32 bytes here,
> SLUB size -- from 40 bytes to 32 bytes.
>
> Signed-off-by: Alexey Dobriyan <adobriyan@sw.ru>
> ---
>
> include/linux/sched.h | 2 ++
> kernel/user.c          | 2 --
> 2 files changed, 2 insertions(+), 2 deletions(-)
>
> --- a/include/linux/sched.h
> +++ b/include/linux/sched.h
> @@ -583,8 +583,10 @@ struct user_struct {
>  atomic_t inotify_watches; /* How many inotify watches does this user have? */
>  atomic_t inotify_devs; /* How many inotify devs does this user have opened? */
> #endif
> +#ifdef CONFIG_POSIX_MQUEUE
>  /* protected by mq_lock */
>  unsigned long mq_bytes; /* How many bytes can be allocated to mqueue? */
> +#endif
>  unsigned long locked_shm; /* How many pages of mlocked shm ? */
```

while you are it, it seems possible to #ifdef locked\_shm also. it's a bit more complex because the code is mm/ and there are some links with the hugetlbfs also.

Cheers,

C.

```
> #ifdef CONFIG_KEYS
> --- a/kernel/user.c
> +++ b/kernel/user.c
> @@ -44,7 +44,6 @@ struct user_struct root_user = {
>  .processes = ATOMIC_INIT(1),
>  .files = ATOMIC_INIT(0),
>  .sigpending = ATOMIC_INIT(0),
>  - .mq_bytes = 0,
>  .locked_shm = 0,
```

> #ifdef CONFIG\_KEYS  
> .uid\_keyring = &root\_user\_keyring,  
>  
> -  
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