

---

Subject: Re: [PATCH 2.6.24-rc3-mm1] IPC: make struct ipc\_ids static in ipc\_namespace

Posted by [Pavel Emelianov](#) on Fri, 23 Nov 2007 09:27:15 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Pierre Peiffer wrote:

> Hi,  
>  
> Thanks for reviewing this !  
>  
> Pavel Emelyanov wrote:  
>> Pavel Emelyanov wrote:  
>>> Cedric Le Goater wrote:  
>>>> Pierre Peiffer wrote:  
>> [snip]  
>>  
>>>> Pavel, what do you think of it ?  
>>> Looks sane, good catch, Pierre.  
>>>  
>>> But I'd find out whether these three ipc\_ids intersect any  
>>> cache-line. In other words I'd mark the struct ipc\_ids as  
>>> \_\_\_\_cacheline\_aligned and checked for any differences.  
>> BTW! It might be also useful to keep ipc\_ids closer to their  
>> sysctl parameters.  
>>  
>  
> It makes sense indeed.  
>  
> That would mean to have something like this, right ?

Yup :)

```
> struct ipc_namespace {  
> struct kref kref;  
>  
> struct ipc_ids sem_ids;  
> int sem_ctls[4];  
> int used_sems;  
>  
> struct ipc_ids msg_ids;  
> int msg_ctlmax;  
> int msg_ctlmnb;  
> int msg_ctlmni;  
> atomic_t msg_bytes;  
> atomic_t msg_hdrs;  
>  
> struct ipc_ids shm_ids;  
> size_t shm_ctlmax;
```

```
> size_t shm_ctlall;
> int shm_ctlmni;
> int shm_tot;
> };
>
> After a quick look, that implies to rework a little bit procfs... othwise, it's
> not a big deal as I can see.
```

Thanks!

```
> P.
>
>>>> Acked-by: Cedric Le Goater <clg@fr.ibm.com>
>>>>
>>>> Thanks,
>>> Thanks,
>>> Pavel
>>>
>>>> C.
>> [snip]
>> -
>> To unsubscribe from this list: send the line "unsubscribe linux-kernel" in
>> the body of a message to majordomo@vger.kernel.org
>> More majordomo info at http://vger.kernel.org/majordomo-info.html
>> Please read the FAQ at http://www.tux.org/lkml/
>>
>
```

---

Containers mailing list  
Containers@lists.linux-foundation.org  
<https://lists.linux-foundation.org/mailman/listinfo/containers>

---