
Subject: Re: [PATCH 1/6] IPC namespace core
Posted by [Cedric Le Goater](#) on Fri, 09 Jun 2006 15:20:15 GMT
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Kirill Korotaev wrote:

```
> This patch implements core IPC namespace changes:
> - ipc_namespace structure
> - new config option CONFIG_IPC_NS
> - adds CLONE_NEWIPC flag
> - unshare support
>
> Signed-Off-By: Pavel Emelianov <xemul@openvz.org>
> Signed-Off-By: Kirill Korotaev <dev@openvz.org>
>
>
> -----
>
> --- ./include/linux/init_task.h.ipcns 2006-06-06 14:47:58.000000000 +0400
> +++ ./include/linux/init_task.h 2006-06-08 14:28:23.000000000 +0400
> @@ -73,6 +73,7 @@ extern struct nsproxy init_nsproxy;
> .count = ATOMIC_INIT(1), \
> .nslock = SPIN_LOCK_UNLOCKED, \
> .uts_ns = &init_uts_ns, \
> +.ipc_ns = &init_ipc_ns, \
> .namespace = NULL, \
> }
>
> --- ./include/linux/ipc.h.ipcns 2006-04-21 11:59:36.000000000 +0400
> +++ ./include/linux/ipc.h 2006-06-08 15:43:43.000000000 +0400
> @@ -2,6 +2,7 @@
> #define _LINUX_IPC_H
>
> #include <linux/types.h>
> +#include <linux/kref.h>
>
> #define IPC_PRIVATE ((__kernel_key_t) 0)
>
> @@ -68,6 +69,41 @@ struct kern_ipc_perm
> void *security;
> };
>
> +struct ipc_ids;
> +struct ipc_namespace {
> + struct kref kref;
> + struct ipc_ids *ids[3];
> +
> + int sem_ctls[4];
> + int used_sems;
```

```
> +  
> + int msg_ctlmax;  
> + int msg_ctlmnb;  
> + int msg_ctlmni;  
> +  
> + size_t shm_ctlmax;  
> + size_t shm_ctlall;  
> + int shm_ctlmni;  
> + int shm_tot;  
> +};
```

you could probably simplify your patch by moving struct ipc_ids to ipc.h and not allocating ids.

see patch bellow. I've been working all week on this patchset :)

C.
