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Subject: [patch -mm 05/17] ipc namespace : externalizes unshare\_ipcns

Posted by [Cedric Le Goater](#) on Tue, 05 Dec 2006 10:27:57 GMT

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From: Cedric Le Goater <clg@fr.ibm.com>

This patch externalizes unshare\_ipcns when CONFIG\_IPC\_NS is not set. This is needed by the unshare\_ns syscall. Unfortunately, it could not be handled with a dummy static inline in ipc.h because of header dependencies on sched.h.

Signed-off-by: Cedric Le Goater <clg@fr.ibm.com>

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```
include/linux/ipc.h | 2 +-
kernel/fork.c      | 2 +-
2 files changed, 2 insertions(+), 2 deletions(-)
```

Index: 2.6.19-rc6-mm2/include/linux/ipc.h

```
=====
--- 2.6.19-rc6-mm2.orig/include/linux/ipc.h
+++ 2.6.19-rc6-mm2/include/linux/ipc.h
@@ -99,7 +99,6 @@ extern struct ipc_namespace init_ipc_ns;
#ifdef CONFIG_IPC_NS
extern void free_ipc_ns(struct kref *kref);
extern int copy_ipcns(unsigned long flags, struct task_struct *tsk);
-extern int unshare_ipcns(unsigned long flags, struct ipc_namespace **ns);
#else
static inline int copy_ipcns(unsigned long flags, struct task_struct *tsk)
{
@@ -107,6 +106,7 @@ static inline int copy_ipcns(unsigned lon
}
#endif
```

```
+extern int unshare_ipcns(unsigned long flags, struct ipc_namespace **ns);
static inline struct ipc_namespace *get_ipc_ns(struct ipc_namespace *ns)
{
#ifdef CONFIG_IPC_NS
```

Index: 2.6.19-rc6-mm2/kernel/fork.c

```
=====
--- 2.6.19-rc6-mm2.orig/kernel/fork.c
+++ 2.6.19-rc6-mm2/kernel/fork.c
@@ -1591,7 +1591,7 @@ static int unshare_semundo(unsigned long
}
```

```
#ifndef CONFIG_IPC_NS
-static inline int unshare_ipcns(unsigned long flags, struct ipc_namespace **ns)
+extern int unshare_ipcns(unsigned long flags, struct ipc_namespace **ns)
```

```
{  
if (flags & CLONE_NEWIPC)  
return -EINVAL;
```

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