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Subject: [PATCH 4/4] Get rid of the kill\_pgrp\_info() function  
Posted by [Pavel Emelianov](#) on Mon, 28 Jan 2008 15:18:56 GMT  
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There's only one caller left - the kill\_pgrp one - so merge these two functions and forget the kill\_pgrp\_info one.

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```
include/linux/sched.h | 1 -
kernel/signal.c       | 19 ++++++-----
2 files changed, 7 insertions(+), 13 deletions(-)
```

```
diff --git a/include/linux/sched.h b/include/linux/sched.h
index 198659b..538f14a 100644
--- a/include/linux/sched.h
+++ b/include/linux/sched.h
@@ -1680,7 +1680,6 @@ extern int send_sig_info(int, struct siginfo *, struct task_struct *);
extern int force_sigsegv(int, struct task_struct *);
extern int force_sig_info(int, struct siginfo *, struct task_struct *);
extern int __kill_pgrp_info(int sig, struct siginfo *info, struct pid *pgrp);
-extern int kill_pgrp_info(int sig, struct siginfo *info, struct pid *pgrp);
extern int kill_pid_info(int sig, struct siginfo *info, struct pid *pid);
extern int kill_pid_info_as_uid(int, struct siginfo *, struct pid *, uid_t, uid_t, u32);
extern int kill_pgrp(struct pid *pid, int sig, int priv);
diff --git a/kernel/signal.c b/kernel/signal.c
index ae9f6ba..a469873 100644
--- a/kernel/signal.c
+++ b/kernel/signal.c
@@ -1036,17 +1036,6 @@ int __kill_pgrp_info(int sig, struct siginfo *info, struct pid *pgrp)
    return success ? 0 : retval;
}

-int kill_pgrp_info(int sig, struct siginfo *info, struct pid *pgrp)
-{-
- int retval;
-
- read_lock(&tasklist_lock);
- retval = __kill_pgrp_info(sig, info, pgrp);
- read_unlock(&tasklist_lock);
-
- return retval;
-}
-
int kill_pid_info(int sig, struct siginfo *info, struct pid *pid)
```

```
{
  int error = -ESRCH;
@@ -1235,7 +1224,13 @@ force_sigsegv(int sig, struct task_struct *p)
```

```
int kill_pgrp(struct pid *pid, int sig, int priv)
{
- return kill_pgrp_info(sig, __si_special(priv), pid);
+ int ret;
+
+ read_lock(&tasklist_lock);
+ ret = __kill_pgrp_info(sig, __si_special(priv), pid);
+ read_unlock(&tasklist_lock);
+
+ return ret;
}
EXPORT_SYMBOL(kill_pgrp);
```

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1.5.3.4
```

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