Subject: [S390] update fs3270 to use a struct pid
Posted by Cedric Le Goater on Tue, 12 Sep 2006 13:42:45 GMT
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this patch replaces the pid_t value with a struct pid to avoid pid wrap
around problems.

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 drivers/s390/char/fs3270.c | 11 ++++++-----
 1 file changed, 6 insertions(+), 5 deletions(-)

Index: 2.6.18-rc6/drivers/s390/char/fs3270.c
===
--- 2.6.18-rc6.orig/drivers/s390/char/fs3270.c
+++ 2.6.18-rc6/drivers/s390/char/fs3270.c
@@ -28,7 +28,7 @@ struct raw3270_fn fs3270_fn;

 struct fs3270 {
  struct raw3270_view view;
- pid_t fs_pid;   /* Pid of controlling program. */
+ struct pid* fs_pid; /* Pid of controlling program. */
  int read_command; /* ccw command to use for reads. */
  int write_command; /* ccw command to use for writes. */
  int attention;   /* Got attention. */
@@ -103,7 +103,7 @@ fs3270_restore_callback(struct raw3270_r
  fp = (struct fs3270 *) rq->view;
  if (rq->rc != 0 || rq->rescnt != 0) {
   if (fp->fs_pid)
-   kill_proc(fp->fs_pid, SIGHUP, 1);
+   kill_pid(fp->fs_pid, SIGHUP, 1);
  }
  fp->rdbuf_size = 0;
  raw3270_request_reset(rq);
@@ -174,7 +174,7 @@ fs3270_save_callback(struct raw3270_requ
   */
  if (rq->rc != 0 || rq->rescnt == 0) {
   if (fp->fs_pid)
-   kill_proc(fp->fs_pid, SIGHUP, 1);
+   kill_pid(fp->fs_pid, SIGHUP, 1);
   fp->rdbuf_size = 0;
  } else
   fp->rdbuf_size = fp->rdbuf->size - rq->rescnt;
@@ -443,7 +443,7 @@ fs3270_open(struct inode *inode, struct

```
   return PTR_ERR(fp);

  init_waitqueue_head(&fp->wait);
- fp->fs_pid = current->pid;
+ fp->fs_pid = get_pid(task_pid(current));
  rc = raw3270_add_view(&fp->view, &fs3270_fn, minor);
  if (rc) {
   fs3270_free_view(&fp->view);
@@ -481,7 +481,8 @@ fs3270_close(struct inode *inode, struct
  fp = filp->private_data;
  filp->private_data = NULL;
  if (fp) {
-  fp->fs_pid = 0;
+  put_pid(fp->fs_pid);
+  fp->fs_pid = NULL;
   raw3270_reset(&fp->view);
   raw3270_put_view(&fp->view);
   raw3270_del_view(&fp->view);
```

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Containers mailing list
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