Subject: [PATCH] vzctl enter: Forward error messages from child process
Posted by ldv on Thu, 24 Aug 2006 22:39:16 GMT
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vzctl: do_enter():
 - In child, redirect stdout and stderr to pipe.
 - In parent, read child's output from pipe even if enter failed.
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I need to obtain more information about vzctl enter failure.
For example, if dev/ptmx is not available inside container, vzctl enter
just fails with short "enter failed" message.
This patch forwards error messages issued by child process, e.g.
vzctl enter 1234
enter into VPS 1234 failed
Unable to open pty: No such file or directory

 src/enter.c | 7 ++++++-
 1 files changed, 6 insertions(+), 1 deletions(-)

```
diff --git a/src/enter.c b/src/enter.c
index 69cdd02..e0013df 100644
--- a/src/enter.c
+++ b/src/enter.c
@@ -231,6 +231,8 @@ int do_enter(vps_handler *h, envid_t vei
   close(in[1]); close(out[0]); close(st[0]);
   /* list of skipped fds -1 the end mark */
   close_fds(1, in[0], out[1], st[1], h->vzfd, -1);
+  dup2(out[1], 1);
+  dup2(out[1], 2);
   if ((ret = vz_chroot(root)))
    goto err;
   ret = vz_env_create_ioctl(h, veid, VE_ENTER);
@@ -297,7 +299,10 @@ err:
   raw_on();
   e_loop(fileno(stdin), in[1], out[0], fileno(stdout));
  } else {
-  fprintf(stdout, "enter failed\n");
+  fprintf(stdout, "enter into VPS %d failed\n", veid);
+  set_not_blk(out[0]);
+  while (stdredir(out[0], fileno(stdout)) == 0)
+   ;
  }
  while ((waitpid(pid, &status, 0)) == -1)
   if (errno != EINTR)
--
```