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)
--
```