Subject: `df` doesn't show any filesystems inside a Gentoo VE
Posted by mfyahya on Sat, 08 Dec 2007 06:42:59 GMT
View Forum Message <> Reply to Message

I filed a bug here: http://bugzilla.openvz.org/show_bug.cgi?id=751

I have 5GB allotted to my Gentoo VE, and everything works well, except that df only reports:

```
 # df
df: no file systems processed
```

I recompiled everything with `emerge -e system` but the problem persists.

Subject: Re: `df` doesn't show any filesystems inside a Gentoo VE
Posted by kir on Sat, 08 Dec 2007 07:04:29 GMT
View Forum Message <> Reply to Message

On a usual Linux system, all the filesystems are mounted using mount, which leaves an appropriate entry in /etc/mtab. df when uses /etc/mtab to get a hint on what is mounted.

In a VE, root filesystem is mounted from the host system, thus no record about / in VE's /etc/mtab, thus df shows nothing.

You can fix that by linking /etc/mtab to /proc/mounts (which is basically showing the same thing but from the kernel's POV), or add an appropriate entry to /etc/mtab directly (cat /proc/mounts > /etc/mtab would be sufficient I guess).

Subject: Re: `df` doesn't show any filesystems inside a Gentoo VE
Posted by mfyahya on Sat, 08 Dec 2007 10:51:52 GMT
View Forum Message <> Reply to Message

Thanks very much for the clear explanation. That fixed it