DragonFlyBSD - Bug #742

umount problems with multiple mounts

07/26/2007 07:46 PM - corecode

Status:	In Progress		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:	tuxillo		**% Done:**	0%
Category:	Userland		**Estimated time:**	0.00 hour
Target version:	3.8.0			

Description

hey,

yes, my fault, but:

%mount
/dev/ad6s1a on / (ufs, local, soft-updates)
/dev/ad6s1b on /pbulk (ufs, local, soft-updates)
/ on /pbulk/clients/labospc67_1/root (null, local, read-only)
/pbulk/clients/labospc67_1/var on /pbulk/clients/labospc67_1/root/var (null, local)
/pbulk/clients/labospc67_1/tmp on /pbulk/clients/labospc67_1/root/tmp (null, local)
/pbulk/clients/labospc67_1/dev on /pbulk/clients/labospc67_1/root/dev (null, local)
/ on /pbulk/clients/labospc67_1/root (null, local, read-only)

%umount labospc67_1/root
umount: unmount of /pbulk/clients/labospc67_1/root failed: Device busy

%umount /pbulk/clients/labospc67_1/root/var
umount: unmount of /pbulk/clients/labospc67_1/root/var failed: Invalid argument

something is wrong here. i guess I can't umount the "upper" root mount, because it takes the "lower" root mount first. dito for the subdirs.

cheers
simon

History

#1 - 06/20/2006 10:55 PM - tuxillo

- Description updated

- Category set to Userland

- Status changed from New to Feedback

- Assignee deleted (0)

- Priority changed from High to Normal

- Target version set to 3.8.0

Hi,

I've tried to reproduced it with a similar mount setup but all went fine:

df -h
Filesystem   Size Used Avail Capacity Mounted on
/dev/vkd0s1a 2.0G 1.1G 757M   59%   /
devfs   1.0K 1.0K   0B   100%   /dev
procfs   4.0K 4.0K   0B   100%   /proc
/   2.0G 1.1G 757M   59%   /mnt
/var   2.0G 1.1G 757M   59%   /mnt/var
/usr   2.0G 1.1G 757M   59%   /mnt/usr
mount
/dev/vkd0s1a on / (ufs, local)
devfs on /dev (devfs, local)
procfs on /proc (procfs, local)

```
/ on /mnt (null, local)
/var on /mnt/var (null)
/usr on /mnt/usr (null)
# umount /mnt
unmount(/mnt): Cannot unmount: 3 mount refs still present
umount: unmount of /mnt failed: Device busy
# umount /mnt/var
# umount /mnt/usr
# umount /mnt
# df -h
Filesystem    Size   Used  Avail Capacity  Mounted on
/dev/vkd0s1a  2.0G   1.1G   757M   59%    /
devfs         1.0K   1.0K    0B   100%    /dev
procfs        4.0K   4.0K    0B   100%    /proc
```

Cheers,
Antonio Huete

#2 - 06/20/2006 10:55 PM - tuxillo

- Status changed from Feedback to In Progress

- Assignee set to tuxillo

Hi,

corecode pointed out I was missing an additional mount_null / /mnt in my test. After doing that I can reproduce the issue:

```
# df -h
Filesystem    Size   Used  Avail Capacity  Mounted on
/dev/vkd0s1a  2.0G   1.3G   558M   70%    /
devfs         1.0K   1.0K    0B   100%    /dev
procfs        4.0K   4.0K    0B   100%    /proc
/             2.0G   1.3G   558M   70%    /mnt
/var          2.0G   1.3G   558M   70%    /mnt/var
/usr          2.0G   1.3G   558M   70%    /mnt/usr
/             2.0G   1.3G   558M   70%    /mnt
# umount /mnt
unmount(0x8033214280): Cannot unmount: 2 mount refs still present
umount: unmount of /mnt failed: Device busy
# umount /mnt/var/
umount: unmount of /mnt/var failed: Invalid argument
```

Assigining this to myself.

Cheers,
Antonio Huete