

Re: What am I doing wrong with MOUNT?

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/newbies/2005-02/0223.html>

From: Alex Shaw (alex.shaw_at_bulletonline.com)

Date: 02/28/05

Date: Mon, 28 Feb 2005 18:06:10 +0000

To: James Alexander Cook <james.cook@utoronto.ca>

just a thought, if you need more room for you mysql db's why not mount the new drive as /db for example and just change the datadir variable in your my.cnf so your not using the /var drive for databases ??

On Mon, 28 Feb 2005 09:24:48 -0500

James Alexander Cook <james.cook@utoronto.ca> wrote:

> *On Mon, Feb 28, 2005 at 12:43:44AM -0800, Gerald Lightsey wrote:*

>

> *<snip>*

> > *I mounted the new drive 1 to a temporary mount point and used the cp command*

> > *to copy each directory in /var to the drive. I looked in all the new/old*

> > *directories at the temporary mount point using ls -F and everything appeared*

> > *to be there at the file level. I used the umount command to unmount the new*

> > *drive/partition from the temporary mount point and remounted it at /var. I*

>

> *sysinstall usually gives /var its own partition when you install FreeBSD, so*

> *you probably already had something mounted on /var before you started moving*

> *things over. Try unmounting the thing that was previously mounted on /var*

> *before mounting the new disk; I'm not sure how mount deals with more than one*

> *filesystem mounted at the same place. If that doesn't work, send the output of*

> *``df'' to the list after unmounting the old /var and mounting the new one.*

>

> *Oh, and don't forget to update /etc/fstab once you get everything working.*

>

> > *opened MySQL and created the named database I wanted and again started to*

> > *collect the data from the CD by directing the .SQL file data to my database.*

> > *Again, just like it did originally, after several minutes of creating tables*

> > *the system reported that it had run out of space.*

> >

> > *My surprise is that every indication I get after I regain control of the*

> > *system is that the database tables are being built within the original /var*

> > *directory structure rather than the 120gb drive mounted on the /var*

> > *mountpoint. If I use the df command while drive 1 is mounted it shows that*

> > */var on disk 0 is full and /var on disk 1 just has whatever I copied onto*

> > *the drive when it was mounted to a temporary mount point. Also by*

> > *experimentation/confirmation I find that simply creating a couple of new*

> > *databases within MySQL while drive 1 is mounted on /var shows that the*

freebsd-newbies: Re: What am I doing wrong with MOUNT?

> > *databases have been created on the original /var on disk 0 as directories*
> > *after disk 1 is unmounted.*
> >
> > *What am I doing wrong or what don't I understand about a drive being mounted*
> > *on /var where data is being written underneath it to the original*
> > */var/db/mysql/mydatabasename on disk 0 rather than onto the mounted disk 1?*
> >
> > *Thanks,*
> >
> > *Gerald*
>
> _____
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