A/UX: How Disk Space is Partitioned

Article Created: 28 October 1992

TOPIC --

On a preinstalled A/UX system with a 400M drive, only about about 200
megabytes of disk space can be seen. Where's the rest of the disk space?

DISCUSSION ---

By default, the 400M drive includes the following partitions with these
approximate sizes:

```
    16K   MacDriver
     3M   Autorecovery
    18M   Swap
     4M   MacPartition
    160M  Root & Usr slice 0
    200M  Free UNIX slice 3
```

On a preinstalled A/UX system slice 3 is not mounted. To verify this, use the
"df -B" command. You should see output similar to the following:

```
    Filesystem              kbytes    used     avail    %used  Mounted on
    /dev/dsk/c0d0s0   112311   90997   15698   85%         /
```

In the above output, "/dev/dsk/c0d0s0" refers to slice 0 on the device with
scsi id (controller) 0.

To mount the other partition, first login as root. Next, create a directory to
mount the slice 3 filesystem onto, such as:

```
    mkdir /slice3
```

(/slice3 is an example name; this can be any name that doesn't already exist.)
Then, edit the /etc/fstab file and add the line:

```
    /dev/dsk/c0d0s3 /slice3 4.2 rw 1 1
```

where the controller/scsi id matches that of slice 0 from the "df" command
output. After saving the changed /etc/fstab file, mount the filesystem:

```
    mount /slice3
```

If any errors show up, then there is probably a "typo" in the /etc/fstab file.
If no errors appear, verify that the filesystem is mounted using the "df -B"
command.
The slice 3 filesystem will now be automatically mounted when the system is
rebooted.
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Keywords: <None>

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