A/UX: NFS Not a directory Message (9/94)

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TOPIC ---

I have some problems with an nfs configuration. Here is what happens:


```
#mount
/dev/dsk/c5d0s0 on / type 5.2 (rw,noquota)


#ls -la /udd/halles
total 2
drwxrwxrwx   2 root     root            32 Jan 12 06:40 ./
drwxrwxrwx   6 root     root            96 Jan 12 06:40 ../


#mount ilog:/udd/halles /udd/halles
#mount
/dev/dsk/c5d0s0 on / type 5.2 (rw,noquota)
ilog:/udd/halles on /udd/halles type nfs (rw)
```

To prove the exchange of information, the command df:


```
#df
/            /dev/dsk/c5d0s0         7064 blocks     9443 i-nodes
/udd/halles ilog:/udd/halles        1514 blocks        0 i-nodes
```

It runs, and ls runs, too (the permissions are the remote permissions).


```
#ls -l /udd
drwxrwxrwx   6 root     root          96 Jan 12 06:40 ./
drwxr-xr-x  17 root     root         720 Jan 12 07:17 ../
drwxrwxrwx   2 root     root          32 Jan 12 06:40 chatelet/
drwxrwxrwx   2 root     root          32 Jan 12 06:40 cite/
drwxr-xr-x  61 root     ilog        1536 Jul  3  1989 halles/
```

Now the problem:


```
#cd /udd/halles
/udd/halles : Not a directory
```

I run a command like ls /udd/halles, and I get a list of the subdirectory with
the error message: <dir> : Not a directory.

DISCUSSION --

As you described, there doesn't seem to be anything wrong on your local NFS
client side. However, from the error message "Not a directory", it sounds like
the REMOTE NFS server exported filesystem or directory, /udd/halles in this
case, is not a directory type.

Check the spelling of the exported directories on the remote NFS server; both
the exported entries in the "/etc/exports" file and the actual filesystem object
MUST be a directories. After checking the spelling from the remote NFS server,
at the local NFS client do "/etc/umount /udd/halles", and try the NFS mount
command again.

Also the "showmount [a] [d] [e] [host]" is a nice tool for NFS to display things
like directories that have been mounted by clients, the list of exported
filesystems from the server, and so on. See showmount (1M) for details.

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