A/UX 3.0: Root File System Is Full Error Workaround (3/95)

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TOPIC ---

I think I overfilled one of the drives with data; when I enter any A/UX command,
I get "Cannot execute this command. The root file system is full".

I have tried cancelling when booting A/UX, but I still cannot execute any
commands, even from that shell. Is there any way to get in and erase some files
in my root file system?

DISCUSSION --

Interrupting A/UX from booting will bring you to the "A/UX Startup" mode or what
is called SASH (Standalone Shell). You should get a startup# prompt.

Under startup#, try a "fsck" (file system check and repair) or a "rm" (remove a
file).

If neither of these works, try the "chroot" (change root) command to change the
current working root directory to a different one, like "Eschatology 1". To
change the current working root directory to "Eschatology 1", do the following
(where X is the SCSI ID of the A/UX boot drive):

startup# pname -cX -s3 "Eschatology 1"
startup# chroot (X,0,3)/

startup# rm (X,0,0)/FILES-ON-THE-DEFAULT-ROOT-TO-BE-REMOVED

After removing all the files you need, you can change back to the default root
directory by issuing the command

"chroot (0,0,0)/"

Make sure do "fsck" on the default root filesystem to get a "clean" root file
system.

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24 Mar 1995 - Changed title for clarity.
18 Jun 1993 - Retitled for accuracy and clean up article.

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