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After I call out on my modem, it no longer answers the phone.

Keywords

uucp honeydanber devices ttys xenix unix auto answers phone reinitialize -hflag dialer uuchat not called out **modem** acu direct tty1A tty1a tty2a tty2A Devices getty order inittab sio uugetty binary dialin dial in

Release

SCO XENIX Operating System Release 2.3.0 through 2.3.4
SCO UNIX System V/386 Release 3.2 Operating System Version 4.0 and earlier
SCO Open Desktop Release 2.0 and earlier

Problem

My **modem** isn't being reinitialized for dial-in. Disabling and re-enabling the port doesn't help. The **modem** must be turned off and on before it will answer the phone again.

Cause

Whenever getty (or uugetty) is run, it checks the file /usr/lib/uucp/Devices to see if the tty port it is running on is a **modem** port. If it finds the tty device in the Devices file, then getty checks to see if a binary dialer or Dialers file entry is being used. If one of these is found, then getty attempts to hang up the **modem** line and initialize the **modem** for the next caller. If a binary dialer is specified on the Devices file line, then getty calls that dialer with the "-h" flag. If a Dialers file entry is specified instead, then getty calls uuchat, passing it the "&" line from the Dialers file entry.

getty uses the first entry that it finds in the Devices file. The tty device name is "regularized" (i.e., tty1a and tty1A are considered equivalent). This means that if an entry such as:

```
Direct tty1a - 2400 direct
```

appears before the ACU entry for the same tty port, such as:

```
ACU tty1A - 2400 hayes2400 \D
```

Then getty will decide that no binary dialer or Dialers file entry is being used - and the **modem**

won't be initialized for dial-in.

Note that the device names in both `/usr/lib/uucp/Devices` and `/etc/inittab` should not contain the `"/dev/"` prefix. For example, `"tty1A"` should be used; not `"/dev/tty1A"`. If the tty device appears as `"tty1A"` in `/etc/inittab`, and as `"/dev/tty1A"` in the `Devices` file, then `getty` will not find it, and will treat the tty device as a terminal rather than as a **modem**.

Solution

Make sure that the `"ACU"` entry for the **modem** control port in `/usr/lib/uucp/Devices` contains the desired binary dialer name or `Dialers` file entry name and appears before any other entries for this port, including any `"Direct"` entries for the port's non-**modem** control counterpart. This `"ACU"` entry (`"ACU"` is the typical label, it could have another label such as `"RESET"`) should also specify the correct speed for reinitializing the **modem**.

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