

HOW TO DIAL OUT ON A UNIX SYSTEM.

This document makes the assumption that you are currently logged on to the system and are sitting in a shell environment.

1. First of all we need to locate the L-devices file.
It should be found in the /usr/lib/uucp directory,
but in case it isn't typing:

```
find / -name L-devices -print
```

will show you where it is.

If you can't find it then don't worry as we can get around it, only it will take a bit of trial and error.

2. If you found the L-devices file then we need to list it by typing:

```
cat L-devices
```

If it runs off the screen then type:

```
cat L-devices | more
```

This will page the output - space displays the next page and return will show the next line while q quits.

This file shows us to which serial line (port) the modems (ACU's) are connected, it also shows when they can be called and the baud rate.
We are interested in the serial line and the baud rate.

Choose a line with your desired speed and make a note of the serial line. The speed is shown as 2400,1200,300 etc. and the serial line as ttyⁿⁿ where nn is a number.

3. If you couldn't find/list the L-devices file then type:

```
who am i
```

This will show which serial line you are on, and as you

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are on a modem then it's a fair bet that the others are not too far away. e.g. If you are on line tty07 then there's a good chance of a modem being on tty06, tty08 or thereabouts.

4. Now we need to make a direct connection to the modem by typing:

```
cu -sbaud -l/dev/ttynn dir
```

where baud and ttynn are your desired speed and serial line respectively.

If you couldn't find/list the L-devices file then this is where the trial and error I told you about comes in.

When you get it right it should come up with 'Connected'.

5. Now we are talking directly to the modem. As a precaution at this point I suggest saving the modem's current config by typing:

```
AT&W
```

Don't worry if you can't see what you are typing as it is probably in quiet mode with echo off.

Now restore the factory default settings by typing:

```
AT&F
```

Now you can set up the modem as you require it, just as you would with your own and use it as normal.

When you have finished type:

```
ATZ
```

to restore the modem back to it's initial state, then type:

```
~.
```

It should come up 'Disconnected' and you should now be back in your shell.

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It is probably best to try and log on to a RACE system on an 0800 number as then it won't cost you a penny to call your favourite BBS's.

If you have any problems or need any UNIX information then send mail to me on HackerNet and I'll see what I can do for you.

Wishing you all many, many, happy hours of hacking - THE ANALYST.

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