

# MODEMS THAT ARE SLAVED OFF THE MAIN UNIX CPU

If you are going to install a modem directly off the back of the Main Unix box, you will most likely be utilizing one of the 9 pin Com ports. If so, you need to change several scripts in the main Unix server. Regardless of the Com Port that you utilize, you will have to edit the following areas.

You will first need to edit the file located in the /abcconfigs directory called "modemlist". Note: All lettering needs to be lower case. Modem list should be in the directory if you simply type from the prompt sign #

For Com 1 utilizing a US Robotics V. Everything/HST Modem = tty1a HST  
For Com 1 utilizing a US Robotics Sportster Modem = tty1a Sport  
or  
For Com 2, with a US Robotics V. Everything or HST Modem =tty2a HST  
For Com2, with a US Robotics Sportster Modem =tty2a Sport

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**THERE IS NO COMPROMISE WITH THE FOLLOWING!  
IF YOU ARE HAVING ANY PROBLEM WITH YOUR MODEM CONNECTION, REDO THE  
MODEMLIST AND ABCS (MODEMPORT) SCRIPTS. DO NOT TRY AND WORK AROUND IT.  
JUST REDO IT. IF YOU ARE WALKING A CUSTOMER THROUGH IT OVER THE PHONE,  
MAKE SURE THAT HE KNOWS "HE CANNOT MAKE A MISTAKE WHILE MAKING THESE  
SCRIPTS". IN SHORT, THIS MEANS THAT YOU HAVE TO LISTEN TO WHAT IS GOING ON  
WHILE YOU ARE EXPLAINING THE ENTRIES TO YOUR CUSTOMER. I HAVE FOUND THAT  
SOMETIMES THE CUSTOMER MAY CHANGE A WRONG ENTRY (That he or she has made)  
WITHOUT TELLING YOU "THE TEACHER", THAT THE MISTAKE HAS BEEN MADE. IF THIS  
HAS OCCURRED, THEN "MOST LIKELY" YOU WILL STILL HAVE THE SAME PROBLEM  
WITH THE MODEM NOT WORKING.**

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You will find your next change under /etc/default/abcs  
That script should read as follows:  
For Com 1 make your line look like

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COM 1 MODEMPORT =tty1a  
COM 2 MODEMPORT = tty2a
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## **AGAIN: YOU CANNOT AFFORD ERROR WHILE MAKING THIS SCRIPT!**

The next field to edit is /etc/conf/init.d/sio ! Make the first set of lines look like this

For Com 1 make your line look like: **Sela:234:off:/etc/getty tty1a abcsn**  
For Com 2 make your line look like: **Sela:234:off:/etc/getty tty2a abcsn**

## **And for this line.....**

For Com 1, make your line look like: **SelA:234:respawn:/etc/getty tty1A abcsn**  
For Com 2 make your line look like: **SelA:234:respawn:/etc/getty tty2A abcsn**

The next field you must edit is /etc/inittab! You will need to change the lines that look like...

For Com 1 for the lines looking like: **Sela:234:off:/etc/getty tty1a m**  
For Com 2 for the lines looking like: **Sela:234:off:/etc/getty tty2a m**

**And for the following line....**

For Com 1 for the lines looking like:

**SelA:234:off:/etc/getty -t60 tty1a 3**

For Com 2 for the lines looking like:

**SelA:234:off:/etc/getty -t60 tty2a 3**

**Now make the above lines look like.....**

For Com 1 make your line look like:

**SelA:234:off:/etc/getty tty1a abcsn**

For Com 2 make your line look like:

**SelA:234:off:/etc/getty tty2a abcsn**

And

For Com 1 make your line look like:

**SelA:234:respawn:/etc/getty tty1A abcsn**

For Com 2 make your line look like:

**SelA:234:respawn:/etc/getty tty2A abcsn**

Charlie Starr

Grn 01/24/02