# HAYES 2400 / RRHost

This is how I run Red Ryder Host on my Mac Plus with a Hayes 2400 modem.
First,  you need to configure your modem.   Go into Red Ryder, and set your baud rate to
2400.   Now type a few "AT"s to wake the modem up.

Now, type the following commands to the modem:

**AT&F**              *(This sets the modem to the "factory" set-up)*
**ATS0=1**             *(This makes it answer on the first ring)*
**AT&C1**             *(This tells it to monitor the carrier)*
**ATM**                *(This shuts the speaker off always)(optional?!)*
**ATE**                *(This turns the command echo off)*
   ( nothing you type after "ATE" is sent to the modem will be "visible", so type carefully )
**AT&W**               *(This writes this to the Smartmodems memory, and*
                        *it will restore this setting when you send a "ATZ"*
                        *to the modem.)*

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Okay, now that you have that done, it's time to modify Red Ryder Host
itself. This can be done with FeditPlus, or other applications that allow
you to modify Mac programs. This is what you need to change:

 **(OF COURSE, ONLY MAKE CHANGES ON A COPY, IN CASE YOU SCREW UP)**

**ATQ0=1**   change to    **ATZ**
(when RRH is up and waiting for a call, it sends this command every 30
seconds. Changing it to ATZ means that it will make sure that <u>everything</u>
is restored to answer the next call)

**ATQ1S0=0**    change to **AT&F**  *(there are 2 of them in there)*
(This command is invoked when you sign on local, or quit RRH. Changing it
to AT&F means it will restore the factory settings. Which means that the
modem will not answer the phone, and it will be set up to work correctly
if you want to use Red Ryder, for example)

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Now, it's time for the new "Init" and "Hang Up Modem" files.

Here's what your Init Modem file should contain:

**AT**
**AT**
**AT**
**ATZ**


And, here is what your Hang Up modem file should contain:

**ATHQ1S0=0**
**AT**
**AT**
**AT**
**ATZ**

That's it!
Also, make sure that in your "**Config"** file, under communications,
you have selected "**2400**" baud.

This should result in a relatively "unstoppable" RRH BBS. Although I hate
to say it, a good way to avoid problems and bombs is to stay away from
Comand 50/51 "external applications". Since I actually run my RRH remotely most of the
time, a "lock-up" or "bomb" is something that I try
like Hell to avoid. So far, the only Bombs I have ever gotten out of RRH in
actual use has been when accessing external applications. You are warned.

Also, remember to set RRH as the "StartUp" application. This way, if you
have a power failure, RRH will come up and run.

If you have any comments/suggestions/hate mail, you can send it to me
here via GEnie: "**EEE**",
                    or, call my BBS at:  **(201) 677-9815**  24 hours


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