

## Step-by-Step Guide for running 64 BlazerTerm on a computer running Windows

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64 BlazerTerm was written in the early 1990s by Mark D. Rejhon. It was written to run in MS-DOS and was intended to be used to call dial-up Commodore BBSs. I used it on an older PC running MS-DOS 6.22, and I immediately discovered that it was a very well-written terminal program. I particularly like the fact that, unlike CGTERM and Vice, it does NOT use Commodore keyboard mapping. So what you type on your PC keyboard is what gets transmitted. Not only do I find this to make more sense, but I also feel that it's more "user friendly" for people who aren't familiar with the Commodore keyboard layout. I got in touch with Mark D. Rejhon, and I expressed my desire to be able to use his program in more modern Windows PCs. He suggested that I try out a program called DOSBox. To my delight, not only was I able to use 64 BlazerTerm in DoxBox on a Windows PC, but I was also able to configure DOSBox to set up a virtual modem for calling out to Telnet-accessible BBSs. I thought others might like to know how to do this, too, so I decided to write this step-by-step guide. So here goes...

1. Download 64 BlazerTerm from the Cottonwood BBS website at <http://cottonwoodbbs.dyndns.org>. You'll find the link to download the zip file underneath the photos for both Cottonwood BBS and Borderline BBS.
2. Unzip 64 BlazerTerm into a folder on your hard drive. I recommend unzipping it into a folder that's easy to remember. For this example, I'll create a folder on the C:\ drive called "64blazer" and unzip the files there.
3. Download DOSBox from <http://www.dosbox.com> and install it on your computer.
4. Double-click the DOSBox icon on your desktop to run the program.
5. DOSBox will default to the virtual Z:\ drive. DOSBox runs on virtual drives, so the first thing we have to do is mount the folder that you unzipped 64 BlazerTerm into as a drive. If you unzipped 64 BlazerTerm into C:\64blazer as I did, you would type the following in DOSBox:  

```
mount c c:\64blazer\
```

If you unzipped 64 BlazerTerm into a different folder, just replace "c:\64blazer\" with whatever folder you unzipped it into.
6. Now you have to set up your modem or virtual modem to use with DOSBox. 64 BlazerTerm defaults to communicating with COM1, so it'll be easiest to just set up your modem or virtual modem on that COM port. Following are two examples of what to type now in DOSBox. To set up a virtual modem on COM1 in DOSBox, type the following:  

```
serial1=modem
```

To set up a real modem that's configured as COM3 in Windows as COM1 in DOSBox, type the following:  

```
serial1=directserial realport:com3
```
7. Type "C:\" on a line by itself in DOSBox and press enter. This will put you into the virtual drive that we set up in step 5.
8. Type "64blazer" and press enter to run 64 BlazerTerm.
9. You should now be running 64 BlazerTerm. The program defaults to communicate with COM1 at 2400 baud. If you want to change the COM port, press Alt-O. If you want to change the baud rate, press Alt-B. For a full list of commands, press Alt-Z.
10. Finally, to dial a Telnet BBS with a virtual modem, type the following:  

```
atdt[telnet address]:[port number (if other than 23)]
```

So, if you wanted to call Cottonwood BBS, you'd type the following:

atdttcottonwoodbbs.dyndns.org

Or, if you wanted to call My C=ult BBS, which is on port 6400, you'd type the following:

atdtmaraud.dynalias.com:6400

If you configured DOSBox to use a real modem, type the following to call a dial-up BBS:

atdt[phone number]

So, if you wanted to call Borderline BBS, you'd type the following:

atdt19516521690

11. If you want to shift DOSBox to full screen mode, just press Alt-Enter. To switch back to running DOSBox in a window, press Alt-Enter again.
12. That's it! Please note that full documentation for 64 BlazerTerm is included in the zip file that you downloaded from the Cottonwood BBS website. Also, you can get more information about DOSBox at the following website: <http://www.dosbox.com/wiki>. And finally, you can set up the virtual drive and virtual/real modem configuration to automatically set when you run DOSBox by editing the configuration file. To do this, open the DOSBox folder on your Start menu in Windows, open the Options folder, and click on the DOSBox Options file.