

MSComm and USB to RS485 Converters (head hurting now, must have martini)

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I am having some weirdness and was wondering if any of the readers of this group are experiencing the something similar.

I was using a Quatech QSU200/300 which worked great but then upgraded to their ESU series which do not work with my in house application. My senior SW developer is out for a spell. Here is what is unique about his application although I do not understand it in detail.

1. The MSComm control is created in memory by his application which is a .dll that we then use in various test engineering applications
2. As I look around in his code I see he commented out a "read from device" section of code in his .dll source for setting baudrate, inputmode, etc. Some devices need to be "woke up"? Sounds interesting, hmmm.
3. Hyperteminal to Hypterterminal link ups work
4. Our applications are "talking" to embedded uC boards using LT1785 RS485 driver by Linear.

I am going to try and step through his test example with the .dll loaded in the project today to see what is going on but first I have to get it to run because there are undeclared variables scattered through out.

Thanks in advance for having a look at my dilemma.

Ed V.

PS – mmmmmmmm, martini

PPS –

1. RS232 to RS485 converters work fine but I am out of serial ports

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due

my IT departments drive to use PCs that have fewer everthings.

2. BB–elec Ulinx USB converters do this also

3. If you keep the gin in the freezer and put pop a couple olives in your mouth you can skip those tedious shaker to glass to mouth steps