

Appendix B: PC to Javelin Stamp Communication Troubleshooting



Appendix B: PC to Javelin Stamp Communication Troubleshooting

When Identify is selected from the Javelin IDE's Project menu, the expected response is a dialog box as shown in Figure 1:

B

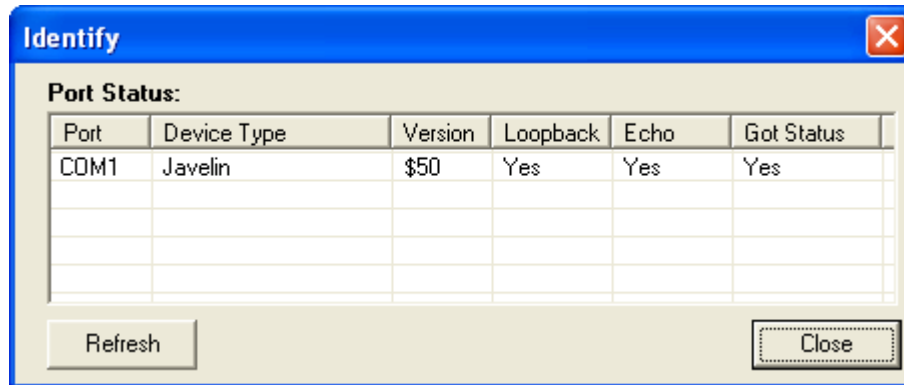


Figure 1

When you get an error message instead, it can sometimes be mystifying. Here are descriptions of the most common error messages along with some suggestions for remedying the problems associated with them. If none of these remedies work, go back and make sure all the other instructions in Chapter #1 were followed correctly. Still no luck? Parallax Technical Support contact information is printed on the JSDB.

"Error: Javelin detected but not responding...Check power supply." The software thinks it found a Javelin on one of the com. ports, but when it tries to communicate with the Javelin, it gets no response. "Check power supply" means check your battery pack and batteries.

- ❑ For troubleshooting, make sure you are using new AA Alkaline 1.5 V batteries and that they are loaded properly into the battery pack.
- ❑ Also, make sure the barrel plug is seated into the barrel jack on the JSDB.

Is the Javelin connected to the com. port the software thinks it sees it on?

- ❑ To check and adjust your com. port settings, click Project, and select Global Options.
- ❑ Next, click the Debugger Operation tab.

- ❑ The Default Com. port can be set to different values depending on which com port you think the Javelin is connected.

There is also an AUTO setting that causes the software to search for a Javelin on all known com ports.

- ❑ After each adjustment in the Serial Port com port settings, click OK, then try Project | Identify again.

“Error: Javelin not responding...Check serial cable connection. Check power supply.” This message means that the software can’t find the Javelin. The message might state that the Javelin was not found on a particular com port, or it might say it can’t find the Javelin on any com port.

- ❑ Check to see if your serial cable is properly connected.
- ❑ Try adjusting the com port settings as outlined for the previous error message.