Using Foundation, what can I do when I encounter Lmacs or Btrieve errors?

Most often, Btrieve and Lmacs errors are a result of conflicts associated with the Btrieve software. Btrieve is a Windows database software program, which is used by the Foundation Library Manager. Btrieve may also be used by other Windows software, which are unrelated to the Foundation software. If this other software uses a different version of the Btrieve software than the Foundation software uses, conflicts may exist, and Lmacs or Btrieve errors may be issued by Foundation. Often, the errors involve Foundation not being able to locate the proper library files.

First, check your WINDOWS directory for any of the following files:

➤ Wbt32res.dll   ➤ Wbtrcall.dll
➤ Wbtrlocl.dll   ➤ Wbtrvres.dll
➤ Wbtr32.exe

The Foundation install program writes the above files to the c:\windows directory by default.

Search for the same .dll and/or .exe files in the c:\windows\system directory. If they are also found here, there is a conflict between the differenct versions of Btrieve on your PC. Remove these files from c:\windows\system.

It is also possible that there is an incompatible version of Btrieve being loaded by Windows. This incompatible version may have been installed by another windows program. An easy way to attempt to resolve this problem is to copy the Btrieve files directly from the Foundation CD-ROM into the Windows directory.

From the Foundation Design Entry Tools CD-ROM, go to the FNDTN\ACTIVE\BTRIEVE directory, and copy the following all of the files in that directory into your local Windows directory.

How do I compile the Simulation Libraries for the Model Technology Simulator?

If you are using Modelsim to simulate VHDL or Verilog, the Xilinx simulation libraries need to be compiled first, before a simulation may be performed. The simulation libraries may be compiled to the project's working directory; however after creating a few Xilinx projects, this redundant library compilation may take up more

time and disk space than necessary. Generally it is much more efficient to compile the libraries to a central area and point to the libraries via the modelsim.ini file. Solution record #1923 available on the Xilinx website at http://www.xilinx.com/techdocs/1923.htm explains how to compile the simulation libraries in this more efficient manner.