.R File Size Limitation

There is a size limitation for the IAL ".R" file that results from assembling the IAL ".S" file. The size limit is 7FFFH (32K).

If you use the -o option when assembling the IAL file, you will notice that the CODE_END symbol is associated with the end of the file. This symbol must be less than or equal to 7FFFH. If not, the assembler should generate ERROR-LR, indicating that the size limit has been exceeded.

To work around this size limitation:

• Reuse common code segments via branches and calls.

• Use coding tricks to save space. For example, use the CASE OF construct instead of the slightly larger IF statement.

Use Of HP 10391B IA Format Utility On HP 16600A/16700A-Series Logic Analyzers

The remainder of this operating notice applies to use of the HP 10391B IA Format Utility on 16600A/16700A-Series Logic Analyzers. If you are using the IA Format Utility on any other logic analyzer, disregard the remainder of this operating notice.

The disk labeled, "HP 10391B Inverse Assembler Format Utility" contains software for use with HP 16600A/16700A-Series Logic Analyzers. This software replaces the IALDOWN utility, which is part of the HP 10391B Inverse Assembler Development Package. The IALDOWN utility cannot be used with 16600A/16700A-Series products. (Refer to the HP 10391B Inverse Assembler Development Package Reference Manual for more information.)

Installation

1 Insert the flexible disk labeled "HP 10391B IA Format Utility" into the floppy drive on the front panel of your HP 16600A/16700A-Series Logic Analyzer.
2 Start a session on your HP 16600A/16700A-Series Logic Analyzer.
3 In the Logic Analysis System window, click "System Admin".
4 In the System Administration Tools dialog, click the Software, "Install..." button.
5 In the Software Install dialog, select the Flexible Disk option in the Media section.
6 Click Apply. The IA Format Utility package with title field "HP 10391B IA Format Utility" will be displayed.
7 Highlight this package and click the Install button. The software will be installed and a new Software Install dialog will open. The message, "Completed Successfully!" will flash when finished.
8 After installation is completed, close all dialogs and click the EXIT button in the Logic Analysis System window to end the session.
9 Remove the flexible disk from the floppy drive and store it in a safe place.
10 Start a new session from the Session Manager dialog.

11 In the Logic Analysis System window, click the Workspace icon.

12 In the Workspace dialog, scroll down the tool bar to the Utilities tools and drag the blue IA Format Utility icon onto the workspace.

13 Right-click the IA icon and select "Display...".

14 In the IA Format Utility dialog, click the Help button and select "On This Window". All instructions for using the IA Format Utility tool are contained in the online help screen titled,"Using the IA Format Utility."

If you have trouble with the above procedure, try installing the IA Format Utility software again, and make sure you exit your session and start a new session, as described above.

**HEWLETT
PACKARD**