Library Units in FORTRAN with Pascal 1.1 and 1.2

FORTRAN that runs under Pascal version 1.1 does not access the SYSTEM.LIBRARY
in order to find the location of each library segment. Therefore, as a FORTRAN
program that uses Library Units ($USES <filename>) starts to execute, it
almost immediately incurs a stack overflow.

A Pascal program which will repair the segment dictionary of a FORTRAN code
file is included on the FORT2 diskettes. If your FORTRAN package does not
include this program, you may get a copy from your dealer, regional support
center, or the International Apple Core on their April 1981 Disk of the Month,
named ATTACH. This Pascal program should be used after compiling and linking,
but prior to the first execution of each FORTRAN program.

Or you may use another method of forcing the operating system to load the
locations of each segment by compiling the following Pascal program:

```
PROGRAM READTABLE;
USES TURTLEGRAPHICS; (* or any other intrinsic unit *)
BEGIN
END.
```

Place the code file on your FORTRAN boot disk, and name that code file
SYSTEM.STARTUP. The program will be executed automatically during each boot
and will cause the table to be read in.
Apple Tech Notes

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