

PL/I-80 Version 1.2 Release Announcement

This package includes the PL/I-80 Programming System Version 1.2 issued from Digital Research Beginning on September 15, 1980.

All known errors in Version 1.0 and Version 1.1 have been corrected. Version 1.2 includes two new facilities which were not in the initial release:

A comprehensive overlay system is supported by LINK-80.

An assembly language cross-reference program is now provided, called XREF.

The overlay system is completely described in the accompanying LINK-80 Appendix E, while the cross reference facility is presented in Appendix F, also included in this package.

Moreover, in addition to the compiler switches available for use in the initial release, the \$F (Full Stack) compiler switch is included to increase the compiler's internal stack size from the default value of 512 bytes to 2048 bytes. The \$F switch is given in the command line by typing

PLI filename \$F

The \$F switch must be included whenever the compiler's internal stack size is insufficient for compilation of excessively nested language constructs which cause compiler stack overflow. The overflow condition is normally indicated by the message

COMPILER ERROR

issued during the compilation process. Note that the available symbol storage space is reduced by 1536 bytes when the \$F switch is enabled. The \$F switch has no effect on the runtime stack size (the OPTIONS keyword includes controls for the runtime stack size).