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Identification

Printerr - a subroutine to format and print error comments contained in a user's error file
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Purpose

The Printerr subroutine gives the user a convenient way of printing selected parts of his error file. It is expected that calls to Printerr will be imbedded at critical places in a user's program so as to advise the user of the occurrence of certain errors.

Implementation

The initial implementation of Printerr is quite straightforward. Printerr calls Geterr (see BY.11.02) and requests that some large number of pieces of the last error description be returned. Upon return, the actual item count is tested to determine the number of items returned. If the sixth item, the "error_code" is present, it is added to the output line for subsequent printing on the user's output stream. If less than 6 items are present, Printerr simply returns.

If the seventh item is present, the "error_info", it is added to the output line. If it is not present, the above-mentioned output line containing "error_code" is printed and Printerr returns.

Following the successful collection of the seventh item, "error_info", items 9 - N are collected and added to the output line. When the list of items is exhausted, the output line is printed and Printerr is finished.

Note that, in the initial implementation, no attempt is made to "pretty" up the output line. It is expected that future refinements will allow the user to have some control over the formatting of the output line.