

Draft for approval
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Identification

Packer
J. Myers, G.E.

Purpose

The Packer reads 27-word column binary cards containing text and linkage, and, directed by special header records, adds them to the global text and link files.

File Description

The packer receives its input from a file with file code IN. Each segment is preceded by a header record which identifies the segment. The header record is followed by the records to be written on the 635 disc.

HEADER RECORD

Word 0	Word count of zero in right half of word.
Word 1	Full word checksum.
Word 2	Primary name, GE 6-bit BCD, left justified, blank filled.
Word 3	Secondary name, GE 6-bit BCD, left justified, blank filled.
Word 4	File code to be used by packer, left justified, blank filled.

DATA RECORD

Word 0	Word count.
Word 1	Full word checksum
Words 2-n	Data to be written on the file identified by the file code in the header record.

After the packer has copied a segment onto 635 disc, it writes a one-character file mark of (76)8. The end-of-file mark (17)8 is never written by the packer.

Error Messages

Errors discovered by the packer are written to the error file.

Message

.pak.control record error on file in.

The first record on file IN is not a header record. The NOGO switch is set for the loader and the packer continues to read file IN, looking for a header record.

.pak.file list overflow

The number of different file codes obtained from the header records has exceeded an internal limit of 10. The NOGO switch is set for the loader and packer is terminated.