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Submitter :
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Dynamic Memory Management

OBSOLETE

Please note that this routine has been obsoleted in CNL 219. Users are advised not to use it any longer and to replace it in older programs. No maintenance for it will take place and it will eventually disappear.

Suggested replacement: `ZEBRA` (Q100)

`ZBOOK` provides facilities to create (at execution time) memory blocks of variable lengths, manage them and perform the following operations on them:

- create a block
- increase or decrease size of block
- set block to zero
- drop or delete block
- write block to file
- read from file
- print contents of block

Using `ZBOOK`, the total size of all blocks together cannot exceed the dimension of the array specified in the user's Fortran program. Using a subpackage `YBOOK` in connection with `HBOOK` (Y250), however, dynamic allocation of the total space is possible.

Structure:

`SUBROUTINE` package
User Entry Names: `ZBOOK`

Usage:

See **Long Write-up**.

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