

DMF II SORT control statement syntax

END [*comments*]

FIELD = $\left. \begin{array}{l} (*) \\ ('constant') \\ (ZERO[S,nn]) \\ (SPACE[S,nn]) \\ (pp,ee) \end{array} \right\} ;$

INCLUDE (*pp*₁,*relation*₁, '*constant*₁') [..., (*pp*_{*s*},*relation*_{*s*}, '*constant*_{*s*}')], [ACTIVE] [,DELETE];

INPUT FILE = [*] *poolname*₁, *filename*₁ [..., [*] *poolname*_{*s*}, *filename*_{*s*}], RECSIZE=*rec* [,BLKSIZE=*blk*] [,TARGET=*poolname.filename*];

INPUT EXIT=*poolname.filename*, RECSIZE=*rec* [,BLKSIZE=*blk*];

OMIT (*pp*₁,*relation*₁, '*constant*₁') [..., (*pp*_{*s*},*relation*_{*s*}, '*constant*_{*s*}')], [ACTIVE] [,DELETE];

OUTPUT {FILE} =*poolname.filename* [,BLKSIZE=*blk*];

RESTART {POOL[S]} =*poolname*₁ [, *filename*₁] [, *poolname*₂ [, *filename*₂]];

WORK {POOL[S]} *poolname*₁ [, *filename*₁] [, *poolname*₂ [, *filename*₂]];

**comments*

SORT {KEY} = (*pp*₁,*r*₁ [, *s*₁] [, *t*₁]) [..., (*pp*₁₀,*r*₁₀ [, *s*₁₀] [, *t*₁₀])] [*STYPE* = $\left. \begin{array}{l} \text{GATHER} \\ \text{ADDRESS} \\ \text{G} \\ \text{A} \end{array} \right\}] [\text{MSGVL} = \left. \begin{array}{l} 0 \\ 1 \\ 2 \end{array} \right\}] [\text{comments}]$

Sort type	Record size (≤100)	Record size (>100)	Total key length
NORMAL	Default for STYPE	Cannot be specified	≤99
GATHER	Can be specified	Default for STYPE	≤92
ADDRESS	Can be specified	Can be specified	≤92

Notes:

- 1 INCLUDE/OMIT Character positions are unaffected by FIELD statement reformatting; no more than five INCLUDE/OMIT statements are allowed; relations are GT, GE, EQ, LE, LT, NE, AGT, AGE, ALE, ALT
- 2 SORT If FIELD statements are used to reformat records, the NORMAL sort uses the keys in the reformatted records.
- 3 Two workpools are mandatory when using variant b of SORT

Key:

rec specifies the record size *pp* specifies the starting position
blk specifies the block size *ee* specifies the ending position
relation specifies the type of comparison / specifies the length of the field
nn specifies the number of spaces or zeros *s* takes one of the values D or A
t takes one of the values S or C