

RMSSORT Reference Guide

Version 4.00 Level U

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Overview

The RMSSORT program serves as a front-end utility for the Micro Focus MFSORT program, which is in fact the actual SORT program used with Eden by default.

The RMSSORT program provides the following functionality:

- Interprets JCL statements for SORTIN, SORTOUT and build MFSORT USE and GIVE statements. As part of this process, RMSSORT will automatically attempt to read Micro Focus file header information which relieves the programmer from having to code record length and other information for any file with a Micro Focus file header.
- Parses and interprets sort and merge instructions to ensure their compatibility with MFSORT.
- Automatically invokes MFSORT following execution of RMSSORT.

Note, please consult the MFSORT documentation for complete information on using MFSORT.

Using RMSSORT

RMSSORT is supplied as Windows executable, RMSSORT.EXE, and is installed in the Eden Server directory. Note that as RMSSORT requires the use of certain Eden Server internal functions, the use of RMSSORT outside the Eden Server environment is not supported.

As RMSSORT is only a front-end for MFSORT, it's use is intended only to allow programmers to create and use JCL which is more 'mainframe like' than would otherwise be possible while using MFSORT.

During job execution, RMSSORT performs the following functions:

JCL definitions for SORTIN and SORTOUT files (i.e., SET statements for these files) are examined and the underlying disk files are analyzed to determine if RMSSORT can retrieve a Micro Focus file header. In the event RMSSORT is unable to determine the input and or output file types and record lengths, the JCL SET statements will be parsed to determine if file organization and record lengths are coded.

Upon successful analysis of all SORT or MERGE files, RMSSORT will then create an MFSORT compatible command list and invoke MFSORT with the generated command input.

JCL for a sample SORT step is shown below:

```
SET SORTIN=C:\DATA.DAT
SET SORTIN2=D:\DATA.DAT
SET SORTOUT=E:\SORTED_DATA.DAT
SET SYSIN=C:\SORTCARD.TXT
SETQ SYSOUT=SYSOUT.TXT
RMSSORT.EXE
```

In this example, SORTIN and SORTIN2 define the unsorted input data files; SORTOUT defines the sorted output file and SYSIN defines the sort control commands, i.e., the 'SORT FIELDS=' cards.

Note that RMSSORT scans the current environment variable block for any file whose DD name starts with SORTIN, therefore restrictions on how input sort files are named and numbered are loosened. Any file whose DD name starts with SORTIN will be included as part of the SORT or MERGE operation.