

Retrieve Deleted Records (RDR)



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RDR Instructions

RDR (Retrieve Deleted Records) is a utility designed to retrieve deleted records from any physical file or member of a physical file. Records within RRN limits can be retrieved and the records can be put in a file specified by the user. No creation time is involved.

Key in the command "RDR" followed by a file name and then press "Enter" to execute or press "F4" to prompt for override parameters. The **RDR** prompt screen is displayed below:

```

Retrieve Deleted Records (RDR)

Type choices, press Enter.

File Name: . . . . .
Library Name: . . . . . *LIBL      Name
Member Name: . . . . . *FIRST     Name, *LIBL
From Record: . . . . . 1           Name, *First
To Record: . . . . . 999999999    1 to 999999999
Output File Name: . . . . . RDRDLTS  1 to 999999999
Output Library Name: . . . . . QTEMP  Name, RDRDLTS
Output Member Name: . . . . . *OUTFILE Name
Include Relative Record #: . . . . *YES      Name, *OUTFILE
                                           *YES, *NO

F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display   Bottom
F24=More keys

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```

Figure 1 The input file is not changed in any way. The deleted records may be copied back into the original file.

File Parameter

- » File Name - enter name of physical file (PF).
- » Library Name - Enter name of library containing physical file entered above. Default is *LIBL.

Member Parameter

Member Name

- » Name - Name of member desired.

- » *FIRST - First member in file selected.

Record Number Parameters

- » From Record - Starting relative record number in file. Deleted records will be retrieved starting with this record in the file.
- » To Record - Ending relative record number in file. Deleted records will be retrieved ending with this record in the file.

Output File Parameter

- » Output File Name - File where deleted records will be placed. Output file cannot currently exist on your system. **RDR** will create the file in the library specified. The default will create a file called RDRDLTS in QTEMP.
- » Output Library Name - Library where output file is to be created.

Output File Member Parameter

- » Output Member name - Name of the member added to the output file. The default will be the Output File Name.

Include Relative Record Numbers Parameter

- » Include Relative Record Number -
 - *YES = Include a field in the output file for the original relative record number of the deleted record. This relative record number will be added to the end of the file layout.
 - *NO = The original relative record number is not appended to the file layout.

If you currently own DBU and it is in your library list, RDR will complete by showing the message “ records retrieved from file, press Enter to continue”. Pressing enter will then take you to the DBU Screen to show you the file with deleted records. If you do not have DBU, RDR will finish with the message “ records retrieved from file, press Enter to continue”. Pressing enter will then take you back to a command prompt screen.

The command keys that are listed on the bottom of the prompt screen are IBM standard. Pressing F13 will explain the command keys if you need additional assistance with them.

All your deleted records will reside in RDRDLTS (the default output file name). You can view these records using DBU, DFU or whatever database utility you have installed on your IBM i. You can build logicals over any data in the output file, including over RRN (if you answered *Yes to "Include Relative Record #"). This should help in your analysis of what records need to be reactivated or added back to your original database.