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COMPUTER DIVISION

FILE MANAGER UTILITY

MRS. R.R. JOSHI

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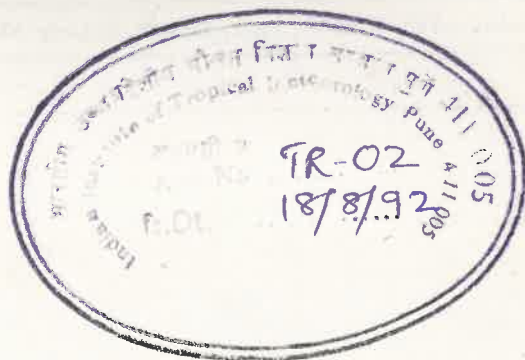## FILE MANAGER UTILITY

MRS. R. R. JOSHI

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08 Personal author(s): Mrs. R.R. Joshi

09 Affilliation author(s): Indian Institute of Tropical Meteorology, Pnue 8.

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17 Abstract: This document describes the procedures for handling File Manager utility of ND-system. The document is self explanatory and describes salient features of this utility. It is also useful to handle large number of files.

18 Keywords: File manager, User area, Main select, Search, Sort, Create file, Delete file.

19 Whether Refereed: Yes

File Manager Utility

Introduction : This note describes the use of the file manager utility. This utility is useful for handling the files. When the number of files of a user increases, it becomes difficult to keep track of all the attributes of the files, like names, extensions,access, length,date of creation,etc. The File Manager is a very useful utility for viewing as well as changing some of the attributes. A short description of this utility as well as the method of its usage is outlined in very simple way in this note. An effort is also made to highlight the points which are not given in the concerned manual but are crucial in the proper use of the utility in understanding of the relevant feature.The information pertains to version No. ND 211075 C.

Description : Not only one's own files but all files of any user can be viewed by file manager which have read access for public or friend.

Innvocation and usage : File Manager gives a display of the files in SINTRAN user area.

One can
1. Inspect file attributes
2. Edit file attributes
3. Delete files
4. Create files
5. Inspect contents of files
6. Substitute or add file attributes

Display gives the information about file attribute i.e. file name,file type,file access etc. Display of files can be seen in different ways.

One can enter the File Manager from operating system SINTRAN @ F-M CR

After entering in the File Manager, three lines and work area will appear on the screen. Refer Appendix I for display of the screen. In the Area, one has to give user name and select user area . On the same line for Main selection give some selection criteria or simlpy give carrige return. Details about manual selection are discussed later. After entering into user area first command line will appear which has home position indicated by FM:. There are many commands which can be given in home position. Details are as follows:

Command	Function
A	Append the display to the file.
D	Delete files which are deleted by DELETE key.
E	Exit from file manager utility. *
F	Move to the first page of the display.
G	Find a file description.
L	Move to the last page of the display.
N	Move to the next page of the display.
O	Write the display to the line printer.
P	Move to the previous page.

Q	Set sort priorities in the field.
R	Move to the Area, here for changing the user area.
S	Find a file and set up for substitution.
W	Write the display to the line printer or any disk file.
@	Execute SINTRAN command. After executing SINTRAN command cursor will remain in home position by pressing home key return to original display.

Second line : Indicates name of the user area and Main select.
Third line : Indicates heading of the attributes.
Fourth line : Tabulation line. T indicates beginning of the field.

Procedures to work in file manager :

1. (i) Select File Manager in SINTRAN operating system by giving command F-M CR.
   (ii) Fetch user area by giving name of the required user in "AREA".
   (iii) Give some selection criteria or CR in Main select.
   (iv) It will display all files with detail information in work area
   (v) After entering into user area first line i.e. home position will appear.
   (vi) With the help of navigation keys one can move within the work area and with the help of tab keys one can move from field to field.

There is very powerful HELP key available in this utility. It is possible to give HELP command in all levels, i.e. (i) Home, (ii) Area, (iii) Main select, (iv) work area. Details are as follows:

1. Home : In this position HELP gives following information.
   1. General information of file manager
   2. Home commands
   3. Keys used for editing
   4. Keys used to scroll
   5. File attributes
   6. New features in the file manager

With the help of navigation keys bring cursor on any one of the above choice and press HELP key e.g. select number 2 and press HELP key it will give more information about home commands as follows:

   1. General home commands
   2. Selecting files to display
   3. Deleting files
   4. Marking files
   5. Searching and sorting files
   6. Advanced commands

Here at each level it will give more information by pressing HELP key.

2. Area : In this position help will give information how to enter into area. One can enter in Area by 1. Through SINTRAN command i.e. @ F-M CR
                                 2. After getting home position press R

It is possible to enter in anybody's area and look into files which have read access for public and friend.

3. Main select: In this position help will give information about how to enter into Main select and what to select.

4. Work area: In this position help will give information about

      1. Delete a file
      2. Inspect a file
      3. Advanced mode
      4. Create a file
      5. Edit a file
      6. Cursor movement
      7. Help information

at each level there is further information by pressing HELP key.

Keys used in FM	Place	Function
F5	Home	Sorts files in alphabetic order
F6	Home	Moves to main select
F7	Home	Selects file description e.g. give Data in type field it will select files which have Data e x t e n s i o n. By pressing F5 original display will come.
F8	Home	Selects files and set up for substitution. e.g. give A:symb in first line and B: symb CR in second line as substitution. Cursor will move to home position. Then press CR, Cursor will move to file A, then press F8. Required substitution will take place.
F1	Work area	D e l e t e s that field. It is useful to rename file and it´s attributes.
F2	Work area	Creates a new file
F5	Work area	Sorts files
F6	Work area	Moves to main select
F7	Work area	Finds a file description e.g. give :mode, it will move to first file which has mode extension.
> < < >	Work area	Gives contents of file.
SHIFT + > < < >	Work area	Look at the file. It will ask for editor. e.g. PED
> > > >	Work area	Gives d e t a i l information regarding file. e.g. file no., file name etc.

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aaa aaa	Work area	Gives display for marked files
SHIFT + aaa aaa	Work area	Gives display for non marked files
MARK	Work area	BY pressing once it will mark file and pressing again it will delet the marking. It is used to change the attributes.
SHIFT + MARK	Work area	Remove marking
HOME	Work area	Back to original display.
FUNC + &	Work area	Select the sorting sequence.Give values from 1 to 11. Where 1 has highest priority.
FUNC + & + CANCEL	Work area	Previous sorting sequence retained.

Procedure for changing the attributes :

1. For single file : Attributes can be changed by entering into work area and with the help of navigation keys. Required changes will take place after exiting from File Manager.

2. For all selected files :

      (i) Press SHIFT + F8.
      (ii) Write the selected type and access in the first line.
    (iii) Write the required type and access in the second line.
      (iv) Press carriage return key. Now cursor is placed at the first file in the work area which has selected type and access.
      (v) Press F8 key. Required access will be added in the field.
      (vi) Press F7 key. It will go to the next file which has selected type and access.

Repeat the procedure of pressing F7 and F8 till attributes of all selected files are changed.

Procedure for deleting file:
1. Move into work area. With the help of cursor movement come to a file which is to be deleted. Press DELETE key. Go to home position by pressing HOME key. Press D or E in home position. Before deleting any file it will give a chance to think over by asking " Do you want to delete files permanently?". Press Y or N accordingly.

References: File Manager Introduction   ND- 60.215.01

               User Environment Ref. Manual   ND- 60.179

               SINTRAN III Introduction   ND- 60.125

Symbols used

        @   : IITM>

        CR : Carriage return

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FM:
Area:PACK-TWO:CP4-RRJ                    Main Select:
File name           Type  V T Public Friend Own Written   Read       M Pages  Bytes
(.................T...)....(T.....T.....T...).Yr.Mn.Dy.Yr.Mn.Dy..............
```

File name	Type	V	T	Public	Friend	Own	Written Yr.Mn.Dy	Read Yr.Mn.Dy	M Pages	Bytes
1BLOCK	SYMB	1	I	R	RWACD	RWACD	91-03-27	91-03-27	4	8064
87	DATA	1	I	R	RWACD	RWACD	90-10-10	91-03-18	1	1394
AMSBLK	SYMB	1	I	R	RWACD	RWACD	91-03-14	91-03-14	3	5778
AMSBLK1	SYMB	1	I	R	RWACD	RWACD	91-02-14	91-03-04	3	3752
AMSWRT	SYMB	1	I	R	RWACD	RWACD	90-11-13	91-02-08	2	3535
BATCH-TEST	SYMB	1	I	R	RWACD	RWACD	89-04-14	90-10-12	1	323
BLOCK5	SYMB	1	I	R	RWACD	RWACD	91-04-01	91-04-01	20	40320
BSORT	SYMB	1	I	R	RWACD	RWACD	91-04-01	91-04-01	1	92
COSORT	MODE	1	I	R	RWACD	RWACD	91-03-19	91-03-27	1	155
DESCRIPTION-FILE	DESC	1	I	R	R	RWACD	91-03-26	91-03-26	8	22528
FACE	SYMB	1	I	R	RWACD	RWACD	89-10-23	91-02-08	1	1708
MERGECHK	SYMB	1	I	R	RWACD	RWACD	90-11-16	91-02-08	2	3877
MODE-SORT	MODE	1	I	R	RWACD	RWACD	91-03-21	91-03-21	1	99
ONETEMP	SYMB	1	I	R	RWACD	RWACD	90-11-20	91-02-08	2	3944
OUTAIR61-88	SYMB	1	I	R	RWACD	RWACD	91-03-26	91-03-26	15	29165
OUTSST61-88	SYMB	1	I	R	RWACD	RWACD	91-03-14	91-03-14	14	26999
R24PUT	SYMB	1	I	R	R	RWACD	91-03-26	91-03-26	1	930
R46PUT	SYMB	1	I	R	RWACD	RWACD	91-02-06	91-03-19	1	926
RBLOCK	SYMB	1	I	R	RWACD	RWACD	91-04-01	91-04-01	1	1896
SOUT	SYMB	1	I	R	RWACD	RWACD	91-03-07	91-03-20	28	18830
STA	SYMB	1	I	R	RWACD	RWACD	90-10-22	91-02-08	5	9489
SUR-1988	SYMB	1	I	RWACD	RWACD	RWACD	91-02-06	91-03-20	4	7790
SUR-INF	SYMB	1	I	R	RWACD	RWACD	90-07-13	90-11-09	2	2266