filelogger_help

COLLABORATORS			
	TITLE : filelogger_help		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		January 9, 2023	

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

filelogger_help

1.1 FileLogger Doc

```
                                        FILELOGGER V1.31
                        (c) 1993 Arun Kumar G.P.


          _/            _/  _/_/_/_/    _/_/_/    _/_/_/
          _/            _/  _/          _/          _/
  A       _/    _/    _/  _/_/_/    _/          _/              Production
         _/  _/  _/    _/          _/          _/
          _/  _/      _/_/_/_/    _/_/_/    _/_/_/
```

This is the documentation for 'FileLogger V1.31', a disk/file cataloguer
for the Amiga computer.

                Introduction

                Execution & Startup

                Main Window

                Select Window

                Sort Window

                About

                Compatibility, Acknowledgements etc

                History

                To Do

1.2 Introduction

                    Introduction :
==============

   Have you ever tried to find a particular utility/sound sample/picture
once you have accumulated a substantial number of disks OR do you know
what are all the files you have ?. You can't really write down all the file
names on the label of the disk. Here is a utility to save your time and all
the disk swapping. This program allows you to
   - Log disks and selected file details from the disk into a Log.
   - Give a filetype and remarks to each file which can be queried on later.
   - Remarks will be read by default from the file comments (if present) of
     a file on disk.
   - Optionally it can guess the types (whether an Executable, Text,
     PowerPacked Data, IFF Picture, IFF Sample or IFF Anim etc.) of the
     files. Over 30 file types are currently recognized.
   - Specify your own file types codes instead of the default given by the
     program by maintaining it in a preferences file. (*)
   - Search for a particular disk/file in the Log using wild card matches
     on disk name, file name, file type or remarks.
   - Do a multilevel sort on disk name, filename, filetype and remarks. (*)
   - Print out the full log or the Selected/sorted part of it. (*)
   - The number of files you can log is only limited by the memory. (!)

(*) : The unregistered version has these functions disabled.
(!) : The unregistered version has a maximum limit of 500 logged files

   This program will be of great help to people who have no hard disks and
and their entire software collection is on floppies. I got the idea of
writing this program after a unfruitful search for a particular utility
which I knew existed in one of my disks.

    There are 3 windows where all the action happens. The first window

             (Main Window)
             is where you can move around the log, print the entire log,
edit the logged details, save the logged details and call the other 2
windows. The second window
             (Select window)
             lets you select the drive/disk
which has the files you want to insert into the log. The third window

             (Sort Window)
             lets you enter different search and sort criteria
and select the matching files from your log.

1.3 Execution

Execution :
===========
   The program can be executed from the WorkBench or from the CLI. It
multitasks properly and runs on its own screen. You can pull down the
screen or press Left Amiga + N to switch to the Workbench or CLI screen.
It does not require any supporting files/libraries. The preferences file

"Filelogger.prefs" is expected to be in the current directory or in the
directory S:.

   From the CLI, it takes one argument (optional), which is the filename
(with path) of the Log. From the Workbench you can either double click on
the Filelogger icon (to start it without a log file) or holding shift key
down, click once on the Filelogger icon and double click on the Log file
icon (to start it with a Log file).

   The program looks for the file 'FileLogger.prefs' in the S: directory
first and if it can't find it, searches the current directory for it. If
it doesn't find it at all, it prompts whether you want to save a default
preferences file. If you accept, a default preferences file is saved in
the S: directory. If it does find the preferences file, the menu
preferences and the user file types are read in and will be used by it
later. However this feature is not present in the unregistered version.

NOTE : You can have as many blank lines as you want. Everything after a
       // is ignored as remarks. Do not edit any of the fields in the
       left hand side of the equations. You can have spaces or tabs around
       the = sign. The Menu preferences can only have values of Y or N.
       The User Defined File Types follow next. The numbers on the left
       side of the '=' are significant and you should not change them. You
       can only change the rhs of the equation to a code you want. A maximum
       of 5 characters will be read from the file type code you give. The
       uppercase equivalents of all lowercase file types will be used.

       Eg: a) If you want to shut off the Screen Flash everytime, you can
              change the value of flag 'FLASH_SCREEN' to 'N' from 'Y'.
           b) Say you want to change the file type code 'PICT' given by
              default by the program to all IFF Pictures to your own code
              'ILBM'. Only replace the 'PICT' by 'ILBM' without changing
              the number to the left of it and when the program guesses a
              file type and comes across an IFF picture later, the code
              'ILBM' will be used instead of 'PICT'.

   If the filename is given and if it is a valid FILELOGGER Log file, the
pointer changes to a clock and you can see the number of disk and file
counter ticking as all the logged files and its details are read into the
memory. Once all the Log file details are read into memory, the pointer
changes back to the default and the last file of the last disk in the Log
will be shown. If any error occurred, a Requester will come up and tell
you what went wrong. You may end up with partial files being read in if the
Log file is corrupted somehow. If the given file did not exist (i.e a new
Log is being created), a message comes up and you can continue to add files
into the Log and this filename will be used while saving the Log next time.

1.4 Main Window

              Main Window :
=============
(The Uppercase words have the comments about the fields/buttons)


```
+-------------------------------------------------------------------------+
|                          F I L E   L O G G E R                          |
```

```
+-------------------------------------------------------------------+
| Remaining
                  Memory
                  --> KEEP AN EYE ON THIS                          |
|                                                                  |
| STRING GADGETS                                                   |
|
                  Disk Name
                   --> MAX 30 SIZE, MANDATORY, CAN BE EDITED       |
|                                                                  |
|
                  File Name
                   --> MAX 30 SIZE, MANDATORY, CAN BE EDITED       |
|
                  File Size
                   --> MAX 999999 VALUE, MANDATORY, CAN BE EDITED  |
|
                  File Type
                   --> MAX 5 SIZE, OPTIONAL,  CAN BE EDITED        |
|
                  Remarks
                   --> MAX 512 SIZE, OPTIONAL,  CAN BE EDITED      |
|                                                                  |
|                                                     +--------+ |
|      ACTIVE ONLY WHEN EDITING, CLICK TO ACCEPT DETAILS   -->  |
                  ACCEPT
                  | |
| No. of disks and files in the log  --> SHOWS THE LOG STATUS +--------+ |
|                                                                  |
|
                  BUTTONS FOR FILES

                  BUTTONS FOR DISKS

                  PRINT FULL LOG
                      |
+---------------|---------------|----------------------------|-----------+
| +----+----+   | +----+----+   |   +------+      +------+  | +------+ |
| | < | > |  <-+ | < | > | <-+  | SORT |--+   | PRINT| <-+ |
                  SAVE
                  | |
| +----+----+     +----+----+       +------+ |   +------+     +------+ |
| | |< | >| |     | |< | >| |       +------+ |                +------+ |
| +----+----+     +----+----+     | PREV |--+                  |
                  EXIT
                  | |
| |ADD |DEL |     |ADD | DEL|     +------+ |                  +------+ |
| +----+----+     +----+----+
                  SORT BUTTONS
                                      |
+-------------------------------------------------------------------+
|
                  Message Line
                   ---> ANY ERROR/WARNING/INFORMATION MESSAGES    |
+-------------------------------------------------------------------+
```

    This is the main window from which you can call the other two windows,

add new files, edit/delete files/disks, scroll around the file list in the
database, save/print your log, set the defaults and ofcourse exit.

                    String Gadgets

                    Buttons

                    Menus

1.5   Memory Considerations

                    Memory :-

    The program itself occupies about 90K of memory and subsequent windows
need additional 40-50K.

    Just below the title, the free memory (Chip + Fast) in Bytes is always
shown. Keep an eye on this and whenever it falls below 50K, you may not be
able to open further windows. A Red Alert Box will start flashing once the
free memory drops below 46K. Do not panic, it is just a warning and you
better not add more files into the log. You can
                    Save
                    the log and quit
now.
But if you want to work with this full Log later, it is better if you have
an additional 10K to go into the
                    Sort window
                    and do some sort/query.

    The @{ "Disk name ", link disk_str1}, @{ "File name ", link file_str1} and the ←↩
         remarks are dynamically allocated
in the memory and though there is a maximum size for each of them, the
memory occupied by each logged file is approx. equal to the actual size of
its elements. Since all the files in your log is read into the memory, the
number of files which you can have in your log is limited only by the
memory you have. If you log only the important files in a disk, this should
not be a limit and you should be able to have 500 or more disks logged on a
1MB Amiga.

    Whenever you are selecting files from the disk to put into the Log (in
the Select window), additional memory for the files shown is required.
When you are searching and sorting files in the log (in Sort window),
additional memory for the number of files which satisfy the search
condition is required.

1.6   String Gadgets in Main Window

                    String Gadgets (in Main window) :-

Click on these to modify the details. *REMEMBER* to click on the
 ACCEPT button once you finished making the changes to save the changes
into the Log (memory!). Pressing any other button will be taken as a
CANCEL and the changes you have made will be lost. If you press Enter
after you have finished editing one of the item (Eg. File Name), you will
be automatically taken to the next item (Eg. i.e. File Size). The
                Message
                line will remind you to click on ACCEPT button to save the changes ←
                    into the
log (memory). If there are no disks in the log, you must select ADD DISK
to first log a few files. The message line will remind you to do this. You
may be able to edit the fields, but you are just wasting your time.

                Disk Name

                File Name

                File Size

                File Type

                Remarks

1.7   Disk Name String Gadget

            Disk Name : This has the disk name of the current disk in the log. ←
                This can
        be edited and cannot be a blank. If it is blank when
            ACCEPT
                    is chosen, then the original Disk name will be ←
                        retained. The
        max. number of characters allowed is 30. If you are manually
        adding a new file, you won't be allowed to edit this. This is
        automatically filled in for you, when you select the disk into
        the log (in
            Select window
). If enter is pressed after
        changes are done, cursor moves to the File name gadget.

1.8   File Name String Gadget

            File Name : This has the file name of the current file (in current ←
                disk)
        in the log. This can be edited and cannot be a blank. If it is
        blank when
            ACCEPT
            is chosen, then the original File name
        will be retained. The maximum number of characters allowed is
        30. This is automatically filled in for you, when you select
        the file into the log (in

```
      Select window
    ).  If enter is
pressed after changes are done, cursor moves to
    File size
              gadget.
```

1.9 File Size String Gadget

```
    File Size : This has the file size (in Bytes) of the current file  ←
        (in the
current disk) in the log. This can be edited (why would one
change this !?) and cannot be zero. If it is zero (why have a
zero sized file in the log ?) when
    ACCEPT
    is chosen, then the
original file size will be used. The maximum size can be
9999999 bytes (A high density disk !!). This is automatically
filled in for you, when you select the file into the log (in

    Select window
    ).  If enter is pressed after changes are done,
cursor moves to the  File Type  gadget.

This field is there to help you in deciding whether you have
duplicate files in different disks.
```

1.10 File Type String Gadget

```
    File Type : This has the file type of the current file (in the  ←
        current
disk) in the log. This can be edited and is optional. The
maximum number of characters allowed is 5. If preference is
set not to guess the file type, this will be blank initially
when you log a file.  It is free format and you can have your
own type code denoting what the file is. For eg. PICT for
Pictures, BRUSH for Brushes, SMPLE for Samples, UTIL for
Utilities etc.. If given it will help you in searching and
sorting for particular types of files in the
    Sort window
    .
For eg. you can search for all Pictures which begin with the
letter 'a'.  If enter is pressed after changes are done,
cursor moves to the
    Remarks
    .

NOTE : From version 1.3 onwards this can be maintained by the
        user in a preferences file. See the NOTE in the

    Execution
    section.
```

1.11   File Remarks String Gadget

```
        Remarks  : This has your remarks for the current file (in current ←
            disk)
    in the log. This can be edited and is optional. If any file
    comments were present for the files you read from the disk,
    this will be automatically put into this field. The maximum
    number of characters allowed is 512. This will be blank
    initially when you log a file. It is free format and you can
    have you own remark about the file, Eg. whether compatible with
    WB2.0, PowerPacked etc. If enter is pressed after changes are
    done, cursor wraps around to the
        Disk Name
        gadget (if in Edit
    mode) or to the
        File name
        gadget (if Add new file mode).
```

1.12   Buttons in Main Window

```
            Buttons (in Main window) :-
-----------------------
If there are no disks in the log, the
            Message line
            will remind you to
click on
            ADD DISK
            to add some files into the log first and this (and
of course
            EXIT
            ) will be the only buttons active then.


            Accept

            File Buttons

            Disk Buttons

            Sort Buttons

            Print Report

            Save Log

            Exit
```

1.13   Accept

ACCEPT : This button becomes active whenever you click on one of ←
            the
above mentioned
        String gadgets
        (otherwise it will be off). If
you click on this after making the changes to the file details,
all the changes will be actually made in the log (only in the
Memory !). If you click on other buttons(after making your
change), all your changes will be LOST !!. This is also active
when you are adding a new file. The new file will be added to
the file list for the current disk if and only if the file name
and the file size has been given.

Duplicate Disk & File Name will also be checked if the

        Preference
        for it is ticked in the menu. A Requester
will tell you that the disk/file is already existing and the
cursor resumes on the disk/file name.

1.14 File Control Buttons

            Buttons to do with files (A few have Keyboard shortcuts) −

PREV   : This takes you to the previous file for the current disk. If
           you are viewing the first file for the disk or if there are no
           files for the current disk, the Message line will tell you so.
           Key − Cursor Left (can autorepeat)

NEXT   : This takes you to the next file for the current disk. If you
           are viewing the last file for the disk or if there are no files
           for the current disk, the message line will tell you so.
           Key − Cursor Right (can autorepeat)

FIRST   : This takes you to the first file in the current disk. The

               Message line
               will tell you that the you are looking at the
           first file for the disk.
           Key − Shift + Cursor Left

LAST   : This takes you to the last file for the current disk. The
           message line will tell you that the you are looking at the last
           file for the disk.
           Key − Shift + Cursor Right

ADD   : This lets you manually add a file into the current disk in the
           log. All the string gadgets except for Disk name will be
           cleared and you can edit them. You have to give the file name
           and its size, otherwise the file won't be accepted into the log.
           REMEMBER to click on
               ACCEPT
               to actually add the disk. The
           message line will remind you to do so. Clicking on any other

buttons will CANCEL the operation.

DEL   : This lets you delete the current file and its details being
           shown from the Log. Based on the
                Preferences
                you have
           selected, it may or may not prompt you before deleting it. The
           message line will tell you if you have deleted the last or the
           first file for the disk.
           Key - Delete

1.15 Disk Control Buttons

           Buttons to do with disks (A few have Keyboard shortcuts) -

PREV   : This takes you to the previous disk in the Log. The first file
           in the previous disk will be shown. If you are viewing the
           first disk in the log, the Message line will tell you so.
           Key - Cursor Up (can autorepeat)

NEXT   : This takes you to the next disk in the Log. The first file in
           the next disk will be shown. If you are viewing the last file
           in the log, the message line will tell you so.
           Key - Cursor Down (can autorepeat)

FIRST   : This takes you to the first disk in the Log. The message line
           will tell you so. The first file in the first disk will be
           shown.
           Key - Shift + Cursor Up

LAST   : This takes you to the last disk in the Log. The
                Message line
                          will tell you so. The first file in the last disk will ←
                     be shown.
           Key - Shift + Cursor Down

ADD   : This lets you add a new disk (and its files into the Log). The

                Select window
                will come up. After returning from this, if
           a selection has been done, the first file for the new disk will
           be shown.

DEL   : This lets you delete the current disk (and all its files) from
           the Log. Based on the Preferences selected, it
           may or may not prompt you before deleting them. The message line
           will tell you if you have deleted the last or the first disk in
           the Log.
           Key - Shift + Delete

1.16 Sort Buttons

```
             Buttons to do with Sort :

SORT NEW : This lets you enter a new selection and search criteria in the

             Sort window
           . After returning from this, if  EDIT  has been
         chosen in the 'Sort Window', that particular disk/file will be
         made the current.

SORT PREV: This calls the
             Sort Window
             and allows you to work on the
         previous sort/selection criteria and its files. This will only
         work when  EDIT  has been chosen on a marked file in the 'Sort
         Window' previously, otherwise it will work like Sort New.
         All changes except for new files/disks added will be reflected
         in the sort list.
```

1.17 Print Simple Report

```
PRINT    : This prints out all the disks and its files in the Log.  It
           first comes up with a file requester for you to enter a
           device/path/file name in it. On pressing return or clicking on
           OK, the log will be printed and the Message line will
           tell you so.

           Note : This option is not available in the unregistered version.

           A sample of this report is included here -

************************    SAMPLE OF REPORT 1 *****************************

FileLogger V1.3   © 1993 Arun Kumar                            Page : 1


             List of all disks and files in the log
             ======================================


Disk Name : AC-CoverDisk31

File Name                Type   Size   Remarks
-----------------------  ------ ------ --------------------
MMPP                     EXE    11116  Much more; Reads PP file; scrolls
                                       smoothly
medplayer                EXE    9448   MED song player.Doesn't work with Octa
                                       Med Songs
ShortCut                 EXE    1740   Shows max of 4 menus from a text file;
                                       Good
CLOCKDJ                  EXE    15372  Shows time/memory; Speeds up mouse;Sun
                                       Mouse etc. - Good
Alienbounce.DOC          DOC    2255   Document for Alienbounce game
Alienbounce              EXE    55852  Not much of a game in AMOS
CardGames.DOC            PPDAT  5404   Document file for Card Games
```

```
fileprog.c                CPRG   8447   C program to demonstrate File I/O
powerpacker.library       ALIB   5236   Powerpacker library; Put in LIBS: for
                                         all PP programs
GfxConverter              EXE    15528  Converts an IFF file to Assembly
                                         language data statements
GfxConverter.DOC          PPDAT  5820
LastHope.doc              PPDAT  1980   Document file for the unerase program
LastHope                  EXE    26692  Recover deleted files; Not FFS

Total Files in this disk  : 13


Disk Name : Red Devil Utils

File Name                 Type   Size   Remarks
----------------------- ------ ------ --------------------
sectorama.doc.pp          PPDAT  3980   Document for Sector Editor
MarkBad                   EXE    6480   Marks Bad Sectors on a disk; not FFS
SID                       EXE    62432  Brilliant File Manager. Old Version
BootX3.30.doc             PPDAT  5596
D-Copy                    EXE    24392  Nibbler/Disk Copier. Old Version. Does
                                         not copy all games
Powerpacker2.3b           EXE    29160  PD Version of Powerpacker to pack data
                                         and EXE files
Tetracopy                 EXE    25256  Play Tetris while disk copying !!
Stars                     EXE    1316   WB Hack.Shows a star field on the work
                                         bench screen
blitzfonts                EXE    7096   Supposed to speed up text output
BootX3.30                 EXE    11588  Virus Detector;Boot Block installer

FileLogger V1.3   © 1993 Arun Kumar                          Page : 2

File Name                 Type   Size   Remarks
----------------------- ------ ------ --------------------
TaskMaster                EXE    4872   Change Task Priorities of running jobs
Virusdestroyer            EXE    25936  An old virus destroyer
CompuCalc                 EXE    6548   Hex/Oct/Bin Calculator; Quite Good
NewZap3.1                 EXE    18212  File/Disk editor. A bit shaky on A1200
MRBackup                  EXE    61980  Good HardDisk Backup utility
siesta.font               FONT   524    Good Bitmap font; Only in Size 8
PUMPYCOPY                 EXE    50528  Copier; Does not work on A1200
DOPE_INTROMAKER           EXE    19604  Does not work on A1200

Total Files in this disk  : 18


Total Disks in the Log  : 2
Total Files in the Log  : 31


************************* END OF SAMPLE REPORT *************************
```

1.18 Save Log from Memory to Disk

```
SAVE    : This saves all the logged disks and its file details in the
          memory into the Log file. It first comes up with a file requester
```

for you to select a file name. It will have the name of the file
you started the program with or the previous saved file name. If
no startup file was given, then it will default to 'Files.Log'.
If you click on OK after selecting/entering a file name, the
pointer changes to a clock as long as it is doing the save and
you will be informed about the status of the save in the message
line. If any error occurs during the save, a Requester will tell
you so with the reason for the failure.

1.19 Exit to System

EXIT   : This will take you back to the WorkBench or the command line. If
          changes have been done and you haven't saved the changes, you
          will be prompted. The pointer changes to a clock as all allocated
          memory is returned to the system (This may take a few seconds, I
          am working on speeding it up) and the message line will tell you
          that the program is cleaning up.

NOTE :
  All the operations on the Log like add, modify and delete are done
  in the memory, and unless you save the Log, you will not have the latest
  changes on the Log file on your disk.

1.20 Menus

                  Menu (in Main window) :-

There are 2 Menu Items in the
               Main window
               (and in the Program itself).
The options (and the Keyboard shortcuts - with Right Amiga Key) available
in them are :

```
+-------------+         +------------------------+
|                       Project
|             |       | |
                       Preferences
                          |
+-------------+         +------------------------+
| New Log   N |         | v No Duplicate Disks   |
| Print     P |         |   No Duplicate Files   |
| Save      S |         | v Delete Disks         |
| About     A |         | v Delete Files         |
| Quit      Q |         | v Guess File Types      |
+-------------+         | v Flash on Errors      |
                        |   Overwrite Files      |
                        |   Workbench Colours    |
                        |   Lines per Page    L  |
                        +------------------------+
```

1.21   Project Menu

                    Project :-

New Log : This option lets you load a new log. If modifications have
           been made to the current LOG and no save has been done, it
           prompts you and then all the memory occupied by the LOG is
           released, the screen is cleared and a file requester is shown
           for you to select/enter a filename for the new log file. If
           the file does not exist (i.e a new log is being created), a
           message is shown and later save will use this file name.

Print   : Same as the
                    PRINT
                    button above.

Save   : Same as the
                    SAVE
                    button above.

                    About
                    : A Requester with some details about the program and the
           programmer comes up.

Quit   : Same as the
                    EXIT
                    button above.

1.22   Preferences Menu

                    Preferences :-

No Duplicate disks : This is a toggle option (default is On i.e. Duplicate
                      disk names in the Log is not allowed). If this
                      setting is off, disks with duplicate disk name will
                      be allowed in the log else a message comes up telling
                      you that this disk already exists in the log.

No Duplicate files : This is a toggle option (default is Off i.e.
                      Duplicate file names allowed in a particular disk).
                      If this setting is off, files with duplicate file
                      names in a disk (possibly in different directories)
                      will be allowed in the log else only the first file
                      will be read in.

Confirm Delete Disk : This is a toggle option (default is On i.e. Prompt
                      before deleting a disk). If this setting is off, you
                      won't be prompted for confirmation before deleting a
                      disk from the log else a Requester comes up and you
                      have to click on Yes or No to the prompt.

Confirm Delete File : This is a toggle option (default is On i.e. Prompt
                      before deleting a file). If this setting is off, you

won't be prompted for confirmation before deleting a
file from the log else a Requester comes up and you
have to click on Yes or No to the prompt.

Guess File Types   : This is a toggle option (default is On i.e. program
                      will try to guess the type of file). Whenever you
                      click on the drive name in the
              Select Window
            , as
                      the file names and size is read from the disk in that
                      drive, the first few characters are also read from
                      the file.
                      If it is found to be pure text, the program tries to
                      work out the type of the file by its extension.
                      Currently it can recognize the following extensions :

                      Extension   Default Type given by Program
                        .c   CPRG   (C Program)
                        .h   CHDR   (C Header)
                        .i   AHDR   (Assembly Header)
                        .doc   DOC   (Document)
                        .pas   PSCL   (Pascal Source)
                        .txt   TEXT   (Text file)
                        .a   ASM   (Assembler Source)
                       unknown   TEXT   (Unknown extension)

                      If it is found to be some non text data, the program
                      finds out whether it is an executable or an IFF file
                      or a Powerpacked data file etc. by looking into the
                      first few bytes in the data file. If it is none of
                      the above it decides on the file extension :

                      Extension   Default Type given by Program
                        .o   OBJ   (Object File)
                        .lib   CLIB   (C Library)
                        .lzh or .lha   LHA   (Packed file)
                        .library   ALIB   (Amiga System Lib)
                        .font   FONT   (Fonts)

                       Amos File   AMOS   (AMOS Source)
                       Amos Bank   ABK   (AMOS Banks)
                       executable   EXE   (Executable)
                       IFF picture/   PICT   (Picture)
                             brush
                       IFF Sample   SMPL   (Sound Sample)
                       IFF Anim   ANIM   (Std. Anim File)
                       PowerPacked data PPDAT   (Packed Data, Can be
                                                   anything)
                       Sculpt 4D Scene SC4D   (Sculpt 4D Scenes)
                       Preferences   PREF   (Std. Preference)
                       Data Type   DTYP   (Standard DataTypes)
                       DMS file   DMS   (DMS Archive file)
                       GIF file   GIF   (GIF format picture)
                       TIF file   TIF   (TIF format picture)
                       VISTA file   VISTA   (VISTA DEM file)
                       E Modules   EMDL   (Amiga-E module)
                       MED file   MED   (Octa/MED Song)

```
                              Imagine Object        IOBJ      (Imagine TDDD objects)
                              Prof. Page            PPAGE     (Prof. Page file)
                              unknown               DATA      (Unknown type)

                              I have found that most of the time the guess is
                              correct. More file types recognition will be
                              added in later releases and as I get more files !!.
```

```
Flash on Errors         :     If you find the screen flash on errors/warnings
                              irritating, you can set this off. The screen will
                              now flash only when program doesn't have enough
                              memory to do something. But keep an eye on the
                              message line to see the errors/warning messages.
                              Default is On i.e. flash everytime.
```

```
Overwrite Files         :     When saving the log or printing reports, if the
                              file you selected already exists, overwrite it
                              without prompting. Default is Off i.e. prompt
                              before overwriting.
```

```
Workbench Colours       :     Use Workbench colours instead of the default
                              colours. Default is Off i.e. use program's own
                              default colours.
                              NOTE : On the AGA machines this may not give
                                     the exact Workbench colours because of
                                     this programs compatibility with the
                                     previous chipsets.
```

```
Lines Per Page          :     On selecting this option, a string requester will
                              come up. You can enter the number of lines to be
                              printed per page when printing the reports.
                              Default is 64 Lines per page. Maximum allowed
                              is 99.
```

```
NOTE : From version 1.3 onwards most of these options can be set to a
       user defined default by maintaining the preferences file. See the
       NOTE in the
                   Execution
                   section.
```

1.23 Message Line

```
Message Line :
-------------
```

The Message line will always tell you of what is happening and the screen
flashes to remind you to look at the Message line whenever a new message
is printed (a minor irritation sometimes and can be disabled).

1.24 Select Window

```
              Select Window :
============
(The Uppercase words have the comments about the fields/buttons)


+----------------------------------------------------------------------+
|                        F I L E   L O G G E R                          |
+----------------------------------------------------------------------+
| Remaining
                Memory
                --> KEEP AN EYE ON THIS                          |
|                                                                      |
| +------+  +------+  +------+  +------+  +------+                      |
| |                                                                    |
                DF0:
                | | DF1: | | ALL | | OK | | END | --> REJECT & RETURN   |
| +------+  +------+  +------+  +------+  +------+                      |
| |        |         |         |         |                            |
| GET FILES FROM DISK +-->MARK ALL +---> ACCEPT MARKED & GO TO MAIN    |
|                                                                      |
| Disk Name : CURRENT DISK NAME                                        |
|                                                                      |
| File Name                    Type    Size    Comments               |
+----------------------------------------------------------------+--+-+
|                                          SCROLL FILES UP BY ONE <----+|^|
|                                                                   |+-+
|                                        SCROLL FILES DOWN BY ONE <----+|v|
|                                                                   |+-+
|                                                                   |+-+
|                                                                   ||-|
|                            PROPORTIONAL GADGET TO SCROLL FILES <----||||
|                                                                   ||||
|                                                                   ||||
| THIS BOX HAS A LIST OF ALL FILES IN THE DISK YOU HAVE SELECTED.   ||-|
| CLICK ON THE FILE NAMES TO SELECT THEM OR ON 'ALL' TO SELECT ALL   || |
| FILES. USE THE SCROLL BUTTONS TO SCROLL AROUND THE LIST. 'OK'      || |
| ACCEPTS EVERYTHING INTO LOG, 'END' REJECTS IT & TAKES YOU BACK TO  || |
| MAIN WINDOW                                                        || |
|                                                                   || |
|                                                                   |+-+
+----------------------------------------------------------------+--+
```

Click on the drive name to see the files in the disk in that drive. (Note :
'.info' files won't be shown as I don't think they are worth logging). All
the files (under all directories) will be shown. The directories under
which they exist won't be shown. The maximum level of subdirectories to
which this can read is limited by the absolute path name of the directory
than 300 characters (This should be more than enough to handle up to 10-15
levels of sub directories, assuming that the average size of the name of
the directories is 20 characters).

Click on individual files you want to log or on 'ALL' to select all files.
You will see the background colour of selected files changing as you select
them. They can be unselected by clicking on them again (So if you want to
select most of the files in the disk, it is easier to select ALL and then
click on files you do not want to log). You can use the scroll gadgets to
scroll around the list. Click on 'OK' to select them into the log or on

'END' to reject and go back to the
                    Main window
                    . If you click on the
other drive name the files in that disk will be shown instead.

If memory is not enough to open the window or to read in the files, the
screen flashes or a requester will tell you that it ran out of memory.

                    Buttons

1.25   Buttons in Select Window

                    Buttons (in Select window) :-

DF0:   This reads the floppy in drive 0 and goes through the directory
            structure recursively and shows all the files on the floppy
            (except '.info' and directories themselves). If files were
            already selected into the window, it will be cleared. If any
            error occurs in reading the floppy a requester with the actual
            error message comes up. The name of the disk is shown just below
            this button. The file comment for the file on disk if any, will
            also be shown. The total number of files read is shown in the last
            line on the screen. The pointer changes to a clock as long as the
            drive is being read from, and you can press the Right Mouse
            Button to stop the disk scan.
            NOTE : If the menu option 'Guess File Type' is On, be patient, it
                    takes longer to read the floppy as it has to open all the
                    files and read the first few characters. If you want to
                    stop the disk read at any point press the RMB
                    once and you will have a partial list of files from the
                    disk.
                    Any linked files on disk will be skipped and one of the
                    file's details will be read in.

DF1:   Same as above but reads from drive 1.

ALL   This acts as a toggle to select ALL files or NONE. If files have
            been read from a disk, it selects all the files and the title
            changes to 'NONE' and if you click on it now all files will be
            unselected.

OK   This allocates and copies into the LOG the disk name and all the
            selected files. If a disk with this name already exists in the
            LOG, and the
                    Preference
                    is not to ignore duplicate disks, a
            requester comes up and tells you that a disk with this name
            already exists in the log and you stay on the same window. If
            there are duplicate files in the disk (in different directories)
            and if the Preferences is not to ignore duplicate files, only the
            first of these files is copied in to the log. A requester comes
            up and tells you that a few duplicate files were skipped. You

        resume on the main window finally.

        NOTE : In the unregistered version, if the number of files in the
               log reaches 500, a requester will come up and tell you
               that and the remaining selected files won't be read into
               the log.

END   This takes you back to the
             Main window
           , ignoring all the
        selected files for the disk.

SCROLL BUTTONS & BAR :

If you click on Scroll up or down buttons and hold the left button down,
the file list will scroll up/down continuously. If you click on it once,
the file list will scroll up/down by one. The Scroll bar lets you page
up and down in the file list.

FILE LIST :

Clicking on the file name itself selects it, if it is not already selected
and unselects it if it is already selected. You can have more than one file
selected at one time.

1.26 Sort Window

              Sort Window :
=============
(The Uppercase words have the comments about the fields/buttons)

```
+--------------------------------------------------------------------------+
|                       F I L E   L O G G E R                              |
+--------------------------------------------------------------------------+
| Remaining
                Memory
                --> KEEP AN EYE ON THIS                                    |
|                                     +-+                                  |
| Disk Name  --> ENTER YOU SEARCH     |2| --->  CLICK ON THESE BUTTONS IN  |
|                                     +-+       THE ORDER IN WHICH YOU WANT|
| File Name  --> CRITERIA HERE,       |1|       THE SELECTED FILES SORTED. |
|                                     +-+       CLICKING ON A SELECTED ONE |
| File Type  --> WITH WILD CARD       |3|       UNSELECTS IT & THE OTHERS  |
|                                     +-+       ARE REORDERED.             |
| Remarks    --> MATCH, IF ANY        | |                                  |
|                                     +-+                                  |
|          +--> PRINT SELECTED/SORTED FILES                                |
|          |                                                               |
| +------+  +-----+  +------+  +-----+  +-----+                            |
| |SEARCH|  |PRINT|  |DELETE|  |EDIT |  | END | --> RETURN TO MAIN WINDOW  |
| +------+  +-----+  +------+  +-----+  +-----+                            |
|     |              |             |                                       |
| DO SEARCH/SORT     +-->DELETE    +---> EDIT MARKED FILE                   |
|                                                                          |
```

```
| Disk Name        File Name        File Size       File Type       Remarks     |
+----------------------------------------------------------------------++-+
|                                              SCROLL FILES UP BY ONE <----+|^|
|                                                                          |+-+
|                                            SCROLL FILES DOWN BY ONE <----+|v|
|                                                                          |+-+
|                                                                          |+-+
|                                                                          ||-|
|                              PROPORTIONAL GADGET TO SCROLL FILES <----+|||
|                                                                          ||||
|                                                                          ||||
| THIS BOX HAS A SORTED LIST OF FILES IN THE LOG WHICH HAS SATISFIED   ||-|
| YOUR SEARCH CRITERIA. YOU CAN MARK ONE OF THE FILE AND EDIT IT IN    || |
| THE MAIN WINDOW OR DELETE IT HERE. USE THE SCROLL BUTTONS TO SCROLL  || |
| AROUND IN THE LIST. 'END' TAKES YOU BACK TO THE MAIN WINDOW.         || |
|                                                                          || |
|                                                                          || |
|                                                                          |+-+
+----------------------------------------------------------------------+--+
```

On this (cramped !!) window, you can enter a search and sort criteria to
select files from your logged list of files.

   First enter your search criteria into the search fields. Next if you
want to do a multi level sort on the files selected, you could click on the
smaller buttons next to the Search fields. Finally you click on 'GO', all
the files satisfying your search criteria is shown and you can move around
this list by using the scroll gadgets. You can also mark a single file
(by clicking on it) and edit or delete it.

                    Buttons

                    String Gadgets

1.27 String Gadgets in Sort Window

String Gadgets (in Sort window) :-

   Enter your search criteria into the Disk Name, File Name, File Type
and Remark fields. If you leave any field blank then it means that field
can have any value in it. You can also enter '*' and '?' for wild card
matches. '*' means match any value for any number of characters (like
Amiga Dos #?) and '?' means that particular character can have any value.
The search is also case insensitive. For eg. if you enter "pp*e" in the
File Name field, the program will search for all files which have names
beginning with 'pp' and ending with and 'e'. So 'ppmore', 'PPMuchMore'
are a few files which may be selected. If you enter "???" in the file name
field all 3 character name files will be selected. By entering into the
file type field also you could search for a particular file type (say a
Executable or IFF picture).

1.28   Buttons in Sort Window

Buttons (in Sort window) :-

SORT BUTTONS : (Next to the String Gadgets)
        If you want to sort the files selected, you could click on the
        smaller buttons next to the Search fields. These buttons act as a
        toggle and will have numbers on them depending on the order in which
        you have clicked on them. The list of files will be sorted in the
        order shown on these buttons. For example :

            Field   Number on Button

            Disk Name   2
            File Name   1
            File Type   3
            Remarks
        This will sort by File Names first, within that by Disk Name and
        within that by File Type.

        If you do not want a selected button/field to be in the sort, then
        you can click on it again and the sort number on this button is
        blanked out and the other buttons will reorder themselves if
        required.

        If no sort criteria is given then the file names will be ordered in
        the order by which you loaded it into the log.

        Note : The sort option is disabled in the unregistered version.

GO   : This button starts the search and the sort. You will see the sleep
         pointer and the number of files found ticking on the last line as
         it finds files satisfying you search criteria. The previous
         selected list of files if any will be cleared. You can interrupt
         this search by pressing the Right Mouse Button and if the program
         runs out of memory during the search, a requester with proper error
         message comes up or the screen flashes (if memory is not even
         enough to show the requester).

          NOTE : Due to the way I have written the multi level sort routine,
                 if the first sort field has too many duplicates the sort
                 time will be more (quite a lot !). I will improve the sort
                 routine in the next release. Till then, you either have to
                 wait patiently or work on a lesser number of records by
                 giving a more specific search. If you want to stop the
                 search, you can press the RMB once and you will get a
                 partially sorted list.

PRINT   : This prints out the currently selected/sorted list of files. It
          first comes up with a string requester for you to enter a
          device/path/file name (default PRT:). On pressing return or
          clicking on OK, the sorted list of file names will be printed.
          The screen flashes if there are no files searched/sorted.

          Note : This option is not available in the unregistered version.

         A sample of this report is included here -

************************   SAMPLE OF REPORT 2 *****************************

FileLogger V1.3   © 1993 Arun Kumar   Page : 1

                  Selected/Sorted files in the log
                  ================================

Selection Criteria :
     Disk Name :
     File Name : ?????????
     File Type : EXE
     Remarks   :

Sorted By : File Name, File Type

Disk Name   File Name   Type   Size   Remarks
------------------------ ----------------------- ----- ------ -------------
Red Devils Utils   BootX3.30   EXE   11588 Virus Detector;
     Boot Block copier/installer
Red Devils Utils   CompuCalc   EXE   6548   Hex/Oct/Bin Cal
     culator; Quite Good
AC-CoverDisk31   medplayer   EXE   9448   MED song player
     . Doesn't work with OctaMed Songs
Red Devils Utils   NewZap3.1   EXE   18212 File/Disk edito
     r. A bit shaky on A1200
Red Devils Utils   PUMPYCOPY   EXE   50528 Copier;Does not
     work on A1200
Red Devils Utils   Tetracopy   EXE   25256 Play Tetris whi
     le disk copying !!

Total Files found : 6

************************** END OF SAMPLE REPORT ****************************

DELETE   : This lets you delete the marked file in the list of files shown.
           Based on the preferences you have selected, it may or may not
           prompt you before deleting it. The screen will flash if there
           is no marked file in the sorted list.

EDIT   : This takes you back to the main window and makes the marked file
           and its disk the current and displays it. You can return to the
           same search/sorted list from the main window by clicking on Sort
           Prev. All modifications/deletions except additions done on the
           main window will be reflected in the sort list now. The screen
           will flash if there is no marked file in the sorted list.

END   : This takes you back to the main window. You cannot return to the
           same search/sorted list from the main window by clicking on Sort
           Prev. now.

SCROLL BUTTONS & BAR :

If you click on Scroll up or down buttons and hold the left button down,
the file list will scroll up/down continuously. If you click on it once,
the file list will scroll up/down by one. The Scroll bar lets you page
up and down in the file list.

SORTED FILE LIST :

Clicking on the file name itself selects it, if it is not already selected
and unselects it if it is already selected. Only one file can be selected
at one time. This will be the file which can be edited/deleted from this
window (using EDIT and DELETE buttons).

1.29 About

                About :
======

   This is version 1.31 of Filelogger. FileLogger is copyright © Arun Kumar
1993. See
                History
                for a brief list of changes from previous releases.
The demo version of this program is Public Domain and may be freely
distributed, as long as all parts of the original distribution are kept
intact. No profit may be made out of this program. Only a small fee for
the copying and/or the price of the media is allowed. All use is at your
own risk. No liability or responsibility is assumed.

 You cannot distribute the Registered Shareware version. If you want the
enhanced Registered version of Filelogger, please send 5 UK Pounds or
equivalent to the address given below. If you have already registered,
thank you for doing so and I hope you find my program worth it. Bug
Reports and feedbacks are also welcome.

   Arun Kumar
   27, Durand Road,
   Earley, Reading RG6 2YU
   Berkshire,
   United Kingdom.
   (Until May 1994)

   E-Mail : A.KUMAR@REA2102.WINS.ICL.CO.UK

My permanent address is
   Arun Kumar
   174/5C, 10th Cross,
   Third Block, T.R. Nagar,
   Bangalore 560028
   INDIA
   (But I am not sure whether I will be here after May 94, but any
    correspondence will reach me after some time)

The enhanced version has the following options which have been disabled in
the unregistered version :

    a. No limit on the number of files you can have in the Log.
    b. Sort your log in different orders.
    c. Print all files and Print searched/sorted files.
    d. Use of a Preferences file in which you can maintain your own file
       type codes instead of the default one given by the program.
    e. Fixes to any possible Bugs which I would have discovered by then.
    f. Any more new facilities I can think of.
    g. You will also receive other P.D. programs I have written.

Further upgrades for Registered users will be free as long as they send
a disk plus necessary postal charges.

1.30 Compatibility, Acknowledgements etc.

Hardware and Software Used :
   Amiga 500 Plus with 2 MB of RAM, Additional Disk Drive and an old T.V.
     (The final stages and later releases on a Amiga 1200 HD !!)
   DiceC C Compiler (PD Version !)
   VI editor (Yes! on the Amiga, I can't do without it)
   DPAINT III
   The C Encyclopedia on Disk (for Reference)

Compatibility :
   This program will run on all models of the Amiga and all versions of
   the Kickstart i.e Amiga 500, Amiga 500+, Amiga 600 and Amiga 1200. It
   has not been tested on the Amiga 1000 (who owns one ?), Amiga 4000 (Big
   bucks!) but I am sure there won't be any problems. 512K Memory is also
   enough, but the more memory you have the more number of files you can
   store in the Log. It also does not require any other external files or
   libraries.

Acknowledgements :

   Thanks to
      - Tom De Voeght (my pal and ß tester)
      - Members of WECC for all the help !
      - Mathew Dillon (for his great Compiler)
      - Nico Francais (for his Powerpacker group of utilities)
      - Anders Bjerin (for the C Encyclopedia)
      - Bram Moolenaar (for the VI editor)
      - and to the Amiga, the best Computer I have ever worked on.
    - All other Copyrights acknowledged.

1.31 History

History :

04/10/92 V0.0   Started coding FileLogger !!.
10/04/93 V0.9   Internal fully working (?) release.
12/05/93 V1.0(D) First public release of demo version on to AMINET.
02/07/93 V1.0(R) Fixed some minor bugs & added new option for disabling

```
                              Screen flash.
10/08/93  V1.1(D)  Auto adjust to NTSC ; Added RMB break; Recognizes even
                              more file types;
17/08/93  V1.2(D)  Added a File Requester (atlast !!).
25/08/93  V1.3(R)  Read from preferences file (User file types !!);
                              Now reads file comments of each file from disk into the
                               remarks field in the log. It is also shown in the
                               Select window.
                              Now handles linked files (Skips one of the files);
                              New Menu option for Overwriting files added;
                              On returning to previous sorted list from Main window,
                               previous position is retained;
                              No more Gurus when sorting lists with big file names;
                              Cursor now cycles around in Sort window string gadgets;
                              A few bugs in handling the proportional gadget when
                               files were being deleted fixed;
                              System Requesters now appear on the FileLogger screen;
                              Reorganised the gadgets in Select and Sort Windows;
                              Included Amiga Guide format of the Doc file !.
20/10/93  V1.31(D) Compiled with dynamic stack expansion. So startup check
                               for stack size is removed now. (Thanks to TDV);
                              Major bug in recursive read of directories fixed (only
                               used to fall over sometimes under OS 1.3);
                              Wait pointer changed from 'ZZzz' to the standard clock;
                              New menu option to change colours to that of WorkBench
                               added;
                              Changed colour of the shadow from Color 3 to Color 1
```

1.32 To Do

```
To Do:
-----
 a. Recognize even more file types.
 b. More keyboard shortcuts.
 c. Better and faster Sort routine. Current sorting speed is bad.
 d. Wrap lines in reports and not cut a word in half.
 e. Store the file types of each file in the log in a more compact way.
 f. Refresh files in an existing disk in the log.
 g. Append file logs.
 h. A Screen colours requester instead of using WorkBench colours.
 i. An AREXX port ?! (I am not sure how this can be useful)
 j. Open a font sensitive Public screen and use all the fancy OS 2.0
    features (but then OS 1.3 users will not be able to use this program)
 k. A Disk ID field.
 l. Support Powerpacked log files to save some space.

 - Do you have any more ideas ?

  All this will be done, if I get a good response for this version. Other-
  wise what is the point in me wasting my time on a program which people
  do not find useful.

  I hope you will find this utility useful. Happy Computing !
```