

**FileMaster3.0**

**COLLABORATORS**

	<i>TITLE :</i> FileMaster3.0		
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# Chapter 1

## FileMaster3.0

### 1.1 FileMaster 3.0: Copyright © Toni Wilen 1995

FileMaster 3.0 Beta 2.2 -- Disk operating utility

Copyright © Toni Wilen, July 1995. Shareware.

Info about FileMaster 3.0  
Distribution, Information

Registration  
FileMaster is shareware

Requirements  
Needed hardware and software

Warranty  
Disclaimer

Usage  
How to use FileMaster 3.0?

Credits  
Author contact address

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### 1.2 FileMaster 3.0: Introduction

\*\*\*\*\* ←



- 1-8 directory windows simultaneously on screen.
- Full
  - keyboard support.
    - JPEG image viewer built in Kickstart 3.0/68020 -version.
- - ShowPic
  - /
  - Show Asc/Hex
  - and
  - Hear
  - have buffered input.
- Localizable
- AGA support

New features/features missing or incomplete, but will be implemented later:

- Own Intuition window for every directory list window

Suggestions and comments needed:

- Layout-config: Better ideas? Layout engine don't have any limitations on position and size.
- Better 24-bit RGB -> HAM8-converter
- About anything!

FileMaster 3.0 comes in two versions:

one for Kickstart 2.04, Workbench 2.0 or better,  
the other

requires

Kickstart 3.0, Workbench 3.0 and CPU 68020 or better.

Full AGA support and built-in JPEG viewer is only on Kickstart 3.0 version  
of FileMaster 3.0

## 1.3 FileMaster 3.0: Registration

Registration

FileMaster is shareware. You can use FileMaster without registering as long as you wish, but only after registering and receiving your key file you can start using FileMaster without restrictions.

The key file you receive upon registering is yours exclusively. You must NOT give this file to anyone.

Key files contain the identification of the owner so the origin of the key file is easy to find.

Differences between unregistered and registered versions

- User commands aren't saved with configuration
- Requester reminding of registration

Click Register gadget for registration form

Register

---

## 1.4 FileMaster 3.0: Warranty

### Warranty

THIS PRODUCT IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND. ALL RISKS AND DAMAGES, INCIDENTAL OR OTHERWISE, ARISING FROM THE USE, MISUSE, OR INABILITY TO USE THIS PROGRAM ARE ENTIRELY THE RESPONSIBILITY OF THE USER. THE AUTHOR DOES NOT MAKE ANY GUARANTEES OR REPRESENTATIONS REGARDING THE CORRECTNESS, RELIABILITY, ACCURACY, CURRENTNESS, ETC. OF THIS PROGRAM. THE AUTHOR WILL NOT ACCEPT RESPONSIBILITY FOR ANY DAMAGE OR LOSSES RESULTING FROM THE USE, MISUSE, OR INABILITY TO USE THIS PRODUCT.

## 1.5 FileMaster 3.0: Requirements

### Requirements

Depending on version FileMaster 3.0 needs Kickstart version 2.0 or Kickstart 3.0 and 68020 CPU or better.  
FileMaster 3.0 needs reqtools.library for screen mode and palette requesters. Powerpacker.library is needed only if you want to take advantage of FileMaster's automatic decrunch of

```
Show Asc/Hex/  
Pic  
and  
Hear  
-commands.
```

Reqtools.library and powerpacker.library are copyright © Nico François.

## 1.6 How to use FileMaster 3.0

FileMaster 3.0 Beta 2.2 -- Disk operating utility

Copyright © Toni Wilen, July 1995. Shareware.

### Miscellaneous

Miscellaneous usage information

### Keyboard support

Usage of keyboard

### Build-in Commands

Explanation of commands

### Configuration

---



## Settings of FileMaster

## 1.7 FileMaster 3.0: Miscellaneous

## Miscellaneous information

When doubleclicking a file with the left mouse button, FileMaster first checks

user commands  
for match and executes it if match is found.

If no user commands match then FileMaster executes the appropriate

build-in command  
according to file type. For example when you doubleclick  
a textfile, FileMaster will automatically use  
ShowAsc  
to view it.

You can use key shortcuts to select gadgets without mouse. Shortcut key is marked with underscore except on menu bar and buttons on bottom-right of screen.

Right mouse button can be used to abort most of the build-in commands.

You can rename and format volumes by clicking operate-gadget when the appropriate device is selected from device list.

Note: for safety FileMaster only formats devices smaller than 4MB

Right mousebutton click over free/used string above directory window rereads directory and over vertical proportional gadget goes to parent directory.

'<' and '>' below the directory windows goes to next and previous directory buffer. Number between arrows shows the number of the buffer (0-9) and by clicking it you can select directory buffer from a list.

'M' opens

pattern match window

When for example copying you can click '<' and '>' gadgets to move to next/previous directory buffer and do something with them while FileMaster continues copying. (

Multitasking  
must be active)

Usage

Usage: FileMaster [-s]

The '-s' option puts FileMaster to sleep like

Sleep  
-gadget.

## 1.8 FileMaster 3.0: Pattern match

Each directory window can have different sort and pattern match parameters. Default is shown in parenthesis.

```
Sort by    sort directories by name, size or date (name)
           sorting can be ascending or descending (ascending)
Mix files with directories (don't mix)
Display drawers last (display drawers first)
Name      name pattern (*)
           off/case sensitive/insensitive (case insensitive)
Size      file size (0)
           off/equal/nonenqual/smaller than/larger than (off)
Flags     pattern for protection flags ()
Date      date (system's time when FileMaster was started)
           off/older than/newer than (off)
Files     match,match always,don't match (match)
Dirs      match,match always,don't match (match)
```

Files and directories not matched are not displayed.

```
'xx/yy/zz files xx/yy/zz directories xx/yy/zz bytes' string means
xx=files or directories selected
yy=files or directories matched (displayed on screen and can be selected)
zz=total files or directories (matched+not matched)
```

## 1.9 FileMaster 3.0: Keyboard support

Keyboard support

FileMaster has full keyboard support.

```
cursor keys move selector-cursor.
shift+cursor keys move cursor faster and ctrl+cursor keys move
to the beginning or to the end of the list.
return is same as left mousebutton and shift-return right.
tab selects next directory window and shift-tab selects previous.
Gadgets which have key shortcuts can be cancelled by pressing control-key
while keeping the shortcut key pressed.
```

## 1.10 FileMaster 3.0: Build-in Commands

FileMaster 3.0 Beta 2.2 -- Disk operating utility

Copyright © Toni Wilen, July 1995. Shareware.

Miscellaneous

Build-in Commands:

---

Quit

Sleep

S->D

Config

Drives

Parent

Invert

Clear

Operate

Copy

Copy As

Move

Delete

MakeDir

ShowAsc

ShowHex

ShowPic

PlayMod

DiskInfo

Execute

DiskSize

ModInfo

Hear

FileEdit

DiskEdit

About

Register

---

## 1.11 FileMaster 3.0: Miscellaneous

### Miscellaneous

On build-in commands' configuration

Text after '-' means items on command's configuration.

On all commands' configuration:

```
Key shortcut  key shortcut character
Front pen gadget label's front pen
Back pen  gadget label's background pen
Priority  process' priority (see
          General
          -config)
```

## 1.12 FileMaster 3.0: Quit

Quit

```
Exit FM
```

```
-
```

```
Are you sure? Turns 'are you sure?' requester on exit
on and off
```

## 1.13 FileMaster 3.0: Sleep

Sleep

```
Iconifies FileMastes
```

```
-
```

```
Sleep window  Open sleep window with available memory
and current time (If Workbench is unavailable
sleep window is always opened)
```

## 1.14 FileMaster 3.0: S->D

S->D

```
Copies source window in to destination window
```

## 1.15 FileMaster 3.0: Drives

Drives

```
Lists all volumes, devices and assigns on source window.
```

---

## 1.16 FileMaster 3.0: Parent

Parent

Goes source window's parent directory  
-  
Directory buffers number of fast-parent buffers.

## 1.17 FileMaster 3.0: Invert

Invert

Clears all selected files/directories and selects all unselected files/directories on source window.

## 1.18 FileMaster 3.0: Clear

Clear

Clears all selected files/directories on source window.

## 1.19 FileMaster 3.0: Operate

Operate

Combined rename, set protection, date and change comment -command. Requester opens with gadgets for directory name, comment, date and protection flags. With All-gadget you can change protection flags, comments or dates for all selected files or directories.

## 1.20 FileMaster 3.0: Copy

Copy

Copies selected files/directories to destination directory. Directories which contains directories/files are also copied.

-  
Refresh       Selects update method for destination  
              (full/partial/until end)  
Overwrite     (always/ask)  
Clone comment   (yes/no)  
Clone flags    (yes/no)  
Clone date     (yes/no)  
Check free space   Checks if destination has enough free space  
Maximum buffer size   Maximum size of copy buffer

---

## 1.21 FileMaster 3.0: Copy As

Copy As

Same as copy, but asks for destination name.  
-  
Refresh       Selects update method for destination  
              (full/partial/until end)  
Overwrite     (always/ask)  
Clone comment   (yes/no)  
Clone flags    (yes/no)  
Clone date     (yes/no)  
Check free space  Checks if destination has enough free space  
Maximum buffer size  Maximum size of copy buffer

## 1.22 FileMaster 3.0: Move

Move

Moves files and directories  
If source and destination are on the same device Move uses  
Rename(), but if they aren't Copy and Delete commands are used.  
Config is used only if copying+deleting is needed. Rename()  
automatically keeps comment and protection flags.  
-  
Refresh       Selects update method for destination  
              and source  
              (full/partial/until end)  
Overwrite     (always/ask)  
Clone comment   (yes/no)  
Clone flags    (yes/no)  
Clone date     (yes/no)  
Check free space  Checks if destination has enough free space  
Maximum buffer size  Maximum size of copy buffer

## 1.23 FileMaster 3.0: Delete

Delete

Deletes files and directories  
Directories which contains directories/files are also deleted.  
-  
Refresh       Selects update method for source  
              (full/partial/until end)  
Confirm deletion  confirms before deleting anything  
Confirm deletion of non-empty subdirecotries  
Confirm deletion of protected files and dirs

## 1.24 FileMaster 3.0: Make directory

---

## MakeDir

Create directory

Requester opens with gadgets for directory name, comment, date and protection flags.

## 1.25 FileMaster 3.0: Show ASCII / HEX

### Show Asc/Show Hex

Shows files as text or in hexadecimal

Plain/bold-face/italic/underline and inverse video, foreground and background color control sequences supported.

cursor up/keypad 8 fast scroll down

cursor down/keypad 2 fast scroll up

cursor left/keypad 4 smooth scroll up

cursor right/keypad 6 smooth scroll down

keypad 7 top of text

keypad 1 end of text

keypad 9 page up

keypad 3 page down

J jump to line

S string search requester

R-Amiga + S search

left mousebutton/<ESC> exit

mouse pointer on top fast scroll up  
of screen

mouse pointer on bottom fast scroll down  
of screen

-

Infoline always show infoline always on bottom of screen  
turn this off if scrolling isn't smooth

## 1.26 FileMaster 3.0: Show picture

### Show Pic

Shows IFF pictures, Workbench icons, fonts and colorfonts

While viewing icons or fonts press keys 1-8 to change screen depth.

Kickstart 3.0/68020 CPU version of FileMaster 3.0 can also show JPEG pictures. JPEG's are shown in HAM8 on AGA and in 16 color grayscale on ECS/OCS chipset.

JPEG code is based on Independent JPEG Group's C-sources.

left mousebutton/<ESC>/<Return> exits

## 1.27 FileMaster 3.0: Play module

---

## Play Mod

Plays normal 32-sample ProTracker modules  
Right mousebutton click on the bottom of the FileMaster's screen  
stops playing.  
Key between ESC and TAB fast forwards

## 1.28 FileMaster 3.0: Disk info

### DiskInfo

Shows technical information about real disks

## 1.29 FileMaster 3.0: Execute

### Execute

Runs executables

t: must be assigned somewhere (preferably to ram disk) for  
Execute to work

-

Window     window parameter for NewCLI.

## 1.30 FileMaster 3.0: Disk Size

### DiskSize

Calculates the size of the contents of selected directory/ies.  
Shows size in bytes, and number of files and directories.  
Calculates all sub-directories as well.

## 1.31 FileMaster 3.0: Module Info

### ModInfo

Shows information about currently playing module

## 1.32 FileMaster 3.0: Hear



Hear

Plays RAW or IFF-8SVX samples  
 -  
 Ask frequency Asks new frequency always  
 Play from Disk=read from disk and play at the same time  
 Memory=reads sample in to memory before playing  
 Ask=asks play mode before playing  
 Default freq Default frequency for non IFF samples  
 Buffer size Size of playing buffers. (two buffers are allocated)

### 1.33 FileMaster 3.0: FileEdit

FileEdit

Edit files in ascii or hex

mouse with left button pressed turns editing mode on and moves cursor, right button turns editing mode off.

When editing mode is on:

cursor up/keypad 8 move cursor one line up.  
 cursor down/keypad 2 move cursor one line down.  
 cursor left/keypad 4 move cursor one character left.  
 cursor right/keypad 6 move cursor one character right.

When editing mode is off:

cursor up/keypad 9 previous page  
 cursor down/keypad 3 next page  
 cursor left/keypad 8 scroll one line up  
 cursor right/keypad 2 scroll one line down  
 keypad 7 move to start of file  
 keypad 1 move to end of file

Gadgets on bottom of screen:

Find Searches for text or hexadecimal string, key shortcut 'f'  
 Right Amiga + 'f' continues searching  
 Following search modes are possible:

1. String search  
 The first character must be something else than a '\$'. No case dependency. Max. 32 characters  
 Example: "find me"
2. Hex search  
 First character must be '\$'  
 Max. 31 characters (15 bytes)  
 Example: "\$03d27f"

Undo Undoes changes in editing area. Key 'u'  
 (Scrolling up/down also undoes all changes)

Write Writes changes to disk. You can't undo this. Key 'w'

Exit Exits FileEdit. Key 'e'

NOTE: Key shortcuts can not be changed and text fore/background is same as on FileEdit's gadget label

## 1.34 FileMaster 3.0: DiskEdit

DiskEdit

Edit track supporting devices directly.

\*\*\*\*\* WARNING \*\*\*\*\*

Don't use DiskEdit, if you don't know what you are doing!!  
You can destroy your files, if used incorrectly!!!

\*\*\*\*\*

DiskEdit goes directly to root block or to file/directory header block if disk is dos-disk and you have selected directory or file from directory list.

mouse with left button pressed turns editing mode on and moves cursor, right button turns editing mode off.

When editing mode is on:

cursor up/keypad 8      move cursor one line up.  
cursor down/keypad 2    move cursor one line down.  
cursor left/keypad 4    move cursor one character left.  
cursor right/keypad 6   move cursor one character right.

When editing mode is off:

cursor up&left/keypad 8 previous block  
cursor down&right/keypad 2 next block  
keypad 7            first block (0)  
keypad 1            last block (depends on device)  
keypad 9            page up if screen size is  
                     smaller than blocksize  
keypad 3            page down if screen size is  
                     smaller than blocksize

B            next block  
T            next track  
S            next sector  
H            next head  
SHIFT + B    previous block  
SHIFT + T    previous track  
SHIFT + S    previous sector  
SHIFT + H    previous head

Gadgets between edit windows and message window:

window with the device      root block  
name on it

string gadgets next to      enter position directly  
B/T/S/H -characters

B/T/S/H -characters      left mousebutton adds and  
                                 right mousebutton subtracts  
                                 value next to it by 1

Gadgets on bottom of screen:

Find   Searches for text or hexadecimal string, key shortcut 'f'  
Right Amiga + 'f' continues searching  
Following search modes are possible:

1. String search  
The first character must be something else  
than a '\$'. No case dependency. Max. 32 characters  
Example: "find me"
2. Hex search  
First character must be '\$'  
Max. 31 characters (15 bytes)  
Example: "\$03d27f"

Undo   Undoes changes in editing area. Key 'u'

Write   Writes changes to disk. You can't undo this. Key 'w'  
Asks if you want to fix checksum (only if  
checksum isn't already correct)

Exit   Exits DiskEdit. Key 'e'

NOTE: Key shortcuts can not be changed and text  
fore/background is same as on DiskEdit's gadget label

-

Ignore LowCyl If selected DiskEdit ignores de\_LowCyl from  
disk environment array. Note: DiskEdit doesn't  
find root block or file/dir headers correctly  
when this is selected! Useful for examining  
harddisks' RDSK-blocks.

## 1.35 FileMaster 3.0: About

About

Shows the user's name if registered and author's address.

---

## 1.36 FileMaster 3.0: Register

Register

Writes the registration form to file or to printer.

## 1.37 FileMaster 3.0: Configuration

FileMaster 3.0 Beta 2.2 -- Disk operating utility

Copyright © Toni Wilen, July 1995. Shareware.

Configurations:

screen/layout configuration

build-in/user commands

general configuration

## 1.38 FileMaster 3.0: Screen / Layout Configuration

Screen configuration

(R) = needs reqtools.library

1. Select main screen's size and mode (R)
2. Select text viewer screen's size and mode (R)
3. Select text font (R)
4. Select list font (non-proportional) (R)
5. Select requester font (R)
6. Select text viewer font (non-proportional) (R)
7. Select small font (This font is used if requester doesn't fit on screen with requester font) (R)
8. Layout (see below)
9. Palette (see below)

Window if yes, FileMaster's main window can be dragged, depth arranged and re-sized.

Screen Public screen=FileMaster opens its screen as a public screen called 'FM'

On public screen=FileMaster opens its window on public screen written on string gadget (defaults to 'Workbench')

Custom screen=FileMaster opens its screen as a custom screen

Vertical and horizontal scrolling

Selects smooth or jump scroll for list windows.

## Layout

This is used to change the number of directory windows on screen  
 Unfortunately I don't know how to explain this easily..  
 Try it out yourself...

## Palette

```
name:    affects:
directory  directories, devices, volumes and assigns
file      files and unselectable lines on devicelist
text     all texts outside of directory windows
highlight selected items background
back     text background
backfill  requesters' background
main backfill FileMaster window's background
source list source's color (background of free/used-text)
dest list destination's color (background of free/used-text)
scroller  scroll bars
path     path string gadgets' background
```

Edit palette palette editor (R)

## 1.39 FileMaster 3.0: Build-in / User commands

### Commands

Configuration for commands

(see

```
    build-in commands
    section for details)
```

Next page toggles between build-in and user commands

User Commands:

F1-F10 starts user commands 1-10 and Shift+F1-F10 user commands 11-20

Window open a shell window?

CD CD to destination, source or don't change

Rescan reread source, destination or both  
 after command is executed

Start screen pop Workbench or FileMaster to front  
 before executing command

End screen pop Workbench or FileMaster to front  
 after command is executed

Label gadget's label

Pattern \*(.lha|lzh) for lha archives etc...  
 user command is executed if user doubleclicks  
 file with matching pattern

Signature offset,\$hexadecimal bytes/"string",offset...  
 if doubleclicked file has these bytes starting from  
 offset byte then this file will be executed  
 check out default user commands for examples!

Command executable command with parameters

Stack size of stack

parameters:

```
{d} Destination directory name
{f} First selected entry (with path)
{F} All selected entries (with paths)
{o} First selected entry (name only)
{O} All selected entries (names only)
{r,text} String requester
        text=string gadget's label
{s} Source directory name
```

## 1.40 FileMaster 3.0: General Configuration

General

Multitasking turns FM's internal multitasking on and off when this is on, you can swap directory buffers and/or run many commands at the same time.

Main priority FM main process' priority  
Low/Med/High priority priority levels for commands  
File buffer size size of buffer for disk operations  
Doubleclick time doubleclick time in hundreds of seconds  
Right mouse button doubleclick/Parent

## 1.41 credits

Credits

All design, developing and coding by Toni Wilen  
Icons designed and created by Jani Wilen  
Manual AmigaGuide® conversion by Petri Koistinen

For registration see  
Register  
command

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email: twilen@sci.fi

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