080fe9d0-0

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COLLABORATORS

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Chapter 1

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1.1 Welcome to Fitter
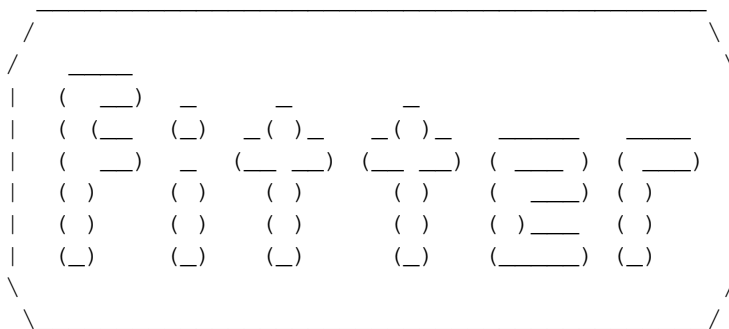
```
                            Welcome to


        _____
      /                                                 \
     /    ____                                            \
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    |   (  (__   (_)   _( )_    _( )_   _____    ____   |
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    |   (_)       (_)    (_)      (_)     (_____) (_)    |
     \                                                 /
      _____/


                        Version 2.1

                       by Joe Thomas



        See
                History
                 for features/fixes new in this version !


Introduction

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                    HOW TO:
          Access all of Fitter's functions. . . . . . . .
```

1.2   What is Fitter, and why do I need it?

WHAT IS FITTER?

Fitter is a program that copies files from one source, most likely your hard
drive, to disks, in most likely, your floppy drives. Fitter does this in an
automated, optimizing fashion. It also maintains a catalog of the copying
you've done, automatically.

The rest is fluff (but really good, improved fluff)

WELL, WHY DO I NEED IT?

Do you browse the net, and in your travels collect loads of music files,
pictures, programs, etc., on a regular basis? Do you save FAQs, ASCII
manuals, and other textual goodies? If the answer is yes to any of these,
you'll need a place to keep them, and unless you have gigs of hard drive
space kicking around, eventually you'll need to move the files to disks,
where they can be stored for easy, quick retrieval. That's what Fitter will
do for you.

Why not just use a directory utility, like Directory Opus to accomplish this
task? Well, at one time, that's what I was doing, and it was getting
monotonous, because:

- Copying files one by one to disks never quite worked; there was always
wasted space at the end of each disk.

- "Now which of these 11 disks did I put that great GIF on? ... Grrr"

- It doesn't make sense to use a backup program, because the backup software
has to be loaded to extract the file desired from a disk. Also, if the disks
are being shared with other users, as in a user group, it can't be assumed
that everyone has the same backup software.

1.3 Shareware Notice

SHAREWARE NOTICE

COPYRIGHT

Copyright "Fitter" and this manual are copyright 1993, 1995 by Joe Thomas.
All Rights Reserved. As part of the Fitter V2.1 release, this manual may be
used in electronic or printed form along with the Fitter program.

Fitter is shareware; you may use, copy, and distribute this archive as you
wish as long as the archive remains intact and unchanged. It may not be sold
in any form, though a reasonable copying and handling charge is acceptable.

SHAREWARE INFO

This distribution of Fitter is complete and uncrippled. This means that you
may continue to use the same distribuition if you decide to send the required
shareware fee.

Many, many hours of work were put into developing, fixing, and enhancing
Fitter. If you find Fitter useful, and continue to use it, please show your
support and appreciation by registering; send $7 (US) to:

        Joe Thomas
        512 Adams St. Apt. 3N
        Hoboken, NJ 07030
        USA

Postal money order, cash, or cashier's check is fine (no personal checks,
please). Of course, I certainly wouldn't object to a larger fee if you think
it's worth it.

I beleive this is a more than reasonable fee, considering the current costs
of most shareware programs coming out these days, and the conveniences,
features and practicality built into Fitter. I'm sure you'll agree that this
fee is more than modest after using Fitter a few times.

You will also be inspiring me to further enhance Fitter. I simply won't put
any effort into improving Fitter if I don't receive any registration fees.
Your input of course, is also welcome, good or bad.

Besides, now that the Amiga Bankruptcy saga is over, perhaps Escom will give
you an incentive to continue using your Amiga, getting more software from the
net, and hence need a storage mechanism for it :)

CREDITS

        GUI sources done using GadToolsBox 2.0
        GadToolsBox 2.0 is copyright © 1991-93 Jaba Development

        Fitter icon taken from the MagicWB 2.0 distribution.
        MagicWB is copyright © 1992-94 Martin Huttenloher.

        Fitter documentation was written using Heddley.

Heddley is copyright © 1992-94 Edd Dumbill.

DISCLAIMER

The information and the Fitter program are provided "as is" without warranty
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or otherwise. In no event will Joe Thomas be liable for direct, indirect,
incidental, or consequential damages resulting from any defect in the
information or the Fitter program even if he has been advised of the
possibility of such damages.

1.4 Installation

INSTALLATION

Although I'm a big advocate for installation standards, like Commodore's
Installer program, it's overkill for Fitter.

To install, just copy the program, and it's documentation to the directory
you wish to run it from.

Do this by using the COPY command for each of the files in this archive, or
dragging the program and documentation icons to the desired drawer.

When you start using Fitter, it will create certain files as they're needed
(all in ASCII format):

- The Fitter Preferences file

- Fitter catalog files. There can be as many of these as you desire; you
specify a specific one for use by changing the catalog file
                preferences
                setting. A Fitter catalog contains the contents (files) of the ←
                   disks in your
catalog, as added using Fitter. Although a Fitter catalog is in an easily
readable ASCII format, it is highly recommended that you do not manually
modify this file, as Fitter depends on its format.

- Add Files session log

- Delete Files session log

1.5 Getting Started

GETTING STARTED

TO RUN FITTER FROM THE SHELL:

Just go to the directory you copied it to, and run it by typing "Fitter"
<enter>. Fitter does not accept any command line arguments.

TO RUN FITTER FROM WORKBENCH:

Just double click its icon. Fitter currently uses no ToolTypes.

ONLINE AMIGAGUIDE HELP:

Fitter's amigaguide documentation is now available on line, from the main
window, Add Files window, Preferences window, and Search and Deletion
window. To use it, you must have Commodore's amiagauide library installed on
your machine.

To get help on a particular gadget or button, just position the mouse pointer
over it, and hit the Help key.

1.6 "

                    MAIN WINDOW

This is the window that comes up when you first run Fitter. All of Fitter's
major functions are initiated from the main window.

The main window contains the following gadgets:

            Source~directory~path

            Prefs

            List~box

            Comment~box

            Add~Files~buttons

            Add~Disks~buttons

            Search~&~Deletion

1.7 Source directory path gadget

            Source directory path gadget

This gadget is located above the upper left corner of the large
            list~box
             in

the center of the window. Click this gadget to open a file requester, from
which you will select the source directory for the files to be "fitted" to
disks during an
                Add~Files
                 session. The initial directory the requester starts
with is the one specified by the "Default source dir:" setting in your

                preferences
                . Once this is done, the file list box fills up with a list of
the files in that directory. The blank box to the right of the path gadget
gets filled in with the path to the directory you selected.

1.8 Prefs

                Prefs

The Prefs button opens the Fitter preferences window, where you can customize
your setup, and enable or disable different features of Fitter.

You can customize settings for the following preferences in Fitter:

                Catalog~name

                Default~source~directory

                Devices

                File~system~format

                File~deletion

                Disk~usage~options

                Copy~program

                Catalog~dump~options

1.9 List Box

                List box

This is the large box in the main window. It contains the filenames of the
files within the source directory you selected with the
                source~directory~path

                gadget
                .

Note that you can use the cursor keys to scroll through the list box, in
addition to using the mouse. The up arrow and down arrow keys scroll the
list up and down, respectively. If you hold down right shift key while using

the up and down arrow keys, the list will jump up or down a few items at a
time. Note that you must use only the right shift key to do this, because
the left shift key, along with just about all other keys on the keyboard,
will activate the
                  comment~box
                  .

1.10   Comment Box

                  Comment box

This is the text entry box below the
                  list~box
                  . As you scroll through the
files in the list box, each file's AmigaDOS comment appears in the comment
box. If you'd like to change the comment for a file, or add a new one,
simply make sure the file is selected within the list box, and either click
in the Comment box, or hit any key except the cursor keys, right shift key,
or help.

Press return to permanently make the change to the file. The comment box
accepts all cursor movement and text modification keys available at an
AmigaDOS prompt (i.e. Ctrl-K=erase to end of line, Ctrl-E=move to end of
line, etc.)

1.11   Add Files buttons

                  Add Files and Add Files (new)

Starts the Fitter
                  Add~Files
                   function. This is the part of Fitter that does
the file "fitting". The files in the directory you selected in the
                  list~box
                  will be copied to the disks in your catalog, and to any new disks ←
                     needed.

Add Files (new) performs the same function as Add Files, except that it will
create a new Fitter catalog if it's the first time you're using Fitter, or
overwrite the current catalog (with your confirmation) if you already have a
catalog. Neither of these buttons are available until a directory containing
files has been selected with the
                  source~directory~path
                  ~gadget, and the Add
Files button isn't avaliable unless you already have a catalog.

If you opt to use disks already existing in your catalog to copy new files
to, The Add Files procedure will only use disks that are currently marked as
writeable (see documentation on the
                  Write~enable~flag
                   in the Files & Deletion

window).

1.12   Add Disks buttons

                    Add Disks and Add Disks (new)

Starts the Fitter
                disk~adding~function
                . Use this when you have disks that
contained files prior to your using Fitter, and you'd like to make them part
of your Fitter catalog.

Add Disks (new) performs the same function as Add Disks, except that it will
create a new Fitter catalog if it's the first time you're using Fitter, or
overwrite the current catalog (with your confirmation) if you already have a
catalog.

1.13   Search & Deletion

                    Search & Deletion

This opens the
                Search~&~Deletion
                 window. From here you can:

   – Interactively scan the contents of your catalog

   – Use the search function to find out which disks
     certain files are on

   – Delete files and/or disks from your catalog

   – Scan the contents of your disks, and automatically
     verify whether or not the contents are consistent
     with your catalog.

1.14   Catalog name

                Catalog name

Specify here the name of your Fitter catalog. What you enter here is also
used as a prefix for:

– The Add~Files progress log filename

– The
                Delete~Files
                 progress log filename

– The volume labels written to disks you add to your catalog

The catalog file and progress log files are created and accessed in the same
directory Fitter was run from.

The path gadget to the right of this text box can optionally be used to
select an existing Fitter catalog by opening a file requester.

1.15   Default source directory

            Default source dir

Click here and enter the full path to the directory you'd like to specify as
the initial directory in the file requester that pops up by using the
            Source

            dir~path
             gadget in the
            Main~window
                .

If you have one directory that you will be fitting files from on a regular
basis, here's where you specify it. Mine, for instance, is "Work:downloads".

1.16   Fitter devices

Drive devices

It's possible for you to specify up to four devices you'd like Fitter to use
for its disk functionality. These default to DF0: through DF3:.

A check in the box next to them indicates that Fitter is allowed to use the
device.

To change the device names, click in the device boxes, and edit in the name
of a different device.

1.17   Disk usage preferences

            Disk Usage Options

The disk usage gadget is used to tell Fitter how you want the
            Add~Files
            procedure to ask for disks:

No new disks

This setting tells Fitter that Add Files should only try to use the space
available on the disks currently in your catlog. Since this space may be
very limited, it's very likely that the Add Files session will end without

having copied all files from the source directory. The most obvious use for
this setting is when you don't have any spare disks handy to format and copy
new files to.

New disks only

This setting tells Fitter that Add Files should not ask you to insert any
disks already in your catalog, to copy more files to. This option is useful
in a situation where you don't have your catalog disks handy, but do have new
disks you can format.

Old & New disks

If this option is being used, Add Files will try utilizing all space
available on writeable disks in your catalog, and when no more space is
available, you will be prompted for new disks to format and copy files to as
needed. This is the most common disk usage setting.

1.18   Catalog Dump Options

Dump Catalog / Dump preferences

Fitter has a catalog dumping feature, which allows you to generate an ASCII
dump of your catalog contents.

To use this feature, you must select the Dump option from the Project menu,
available only from the Fitter Main window. A requester will pop up, asking
you to give the path and name of the file you want to dump to. That's all
there is to it.

The dump will be appear different, depending on how your catalog dump options
are set, in your preferences. You may select a dump sorted by name
(alphabetical), disk (similar to but simpler than your catalog file), or file
size (size order).

You can control whether or not each file's comment is displayed along with
the file by checking or unchecking comment flag.

NOTE: This option is selectable only via the main menu.

1.19   Use, save, or cancel

Use / Save / Cancel

As with standard Amiga Prefs programs, these buttons imply that you wish to
Use your current preferences for this Fitter session, Save your preferences
to disk while also using them for this Fitter session, or Cancel any changes
you made to your preferences while in the preferences window.

1.20   The Add Files Window

ADD FILES

The Add Files function is the heart of Fitter. All "fitting" of new files to
disks in your Fitter catalog is done here. Before the Add Files window
appears, you will get a warning requester, alerting you to remove any disks
that might be in the drives you selected in your
                         preferences
                          for use, as a
precaution to prevent against erasing information on a disk that may be in
one of these drives.

All you need to do at this point is follow the instructions that Fitter gives
you.

All progress during an Add Files session is recorded in a file called <your
catalog name>.log, in the directory that Fitter is being run from.

It's a good idea to be familiar with how Fitter copies files to new disks,
and disks already in your catalog. This procedure has been greatly enhanced
from earlier versions of Fitter.

Following is a description of the way that Fitter uses the disks in your
selected drives (your selected drives are the drives you have specified to be
used in your preferences, i.e. DF0: - DF3:).

For each disk, whether being formatted new, or already part of your catalog,
Fitter uses your selected drives in the order that they exist in your
preference settings, for up to four drives. A "cycle" consists of each
selected drive being used in turn, until the last drive is used. Then a new
cycle begins. For example, if your selected drives are DF0:, DF2:, and DF3:,
a cycle consists of using DF0:, then DF2:, then DF3:.

Depending on which of the three disk usage options you have selected in your
preferences, Fitter will ask you to either insert disks already in your
catalog for the new files, ask for new disks to format, or end the Add Files
session without having copied all files from the source directory. See the
section on
                  disk~usage~options
                   in preferences for an explanation.

As of V2.1, Fitter allows you to give your disks any volume label you wish,
after disk added to your catalog. Since a disk that is about to be formatted
usually doesn't have a meaningful label, Add Files always gives the disk a
default label when formatting a new disk, in the form <catalog name><catalog
disk number>. For instance, the 43rd disk to be formatted for the catalog
named my_catalog would be given the disk label my_catalog43.

Fitter will always try to copy as many files as possible to a disk already in
one of your drives before going to another one.

As a convenience, Fitter will use the disks in each drive in a cycle
automatically, when formatting new disks. In the example, this would allow
you to insert new disks in drives DF0:, DF2:, and DF3:. Fitter would
automatically format each disk and copy files to it, without needing your
interaction, for the whole cycle.

While this is a convenience, it is potentially dangerous if you did not heed
the instructions given before the Add Files session started (remove disks
from selected drives); Fitter will indiscriminantly format a disk in the
current drive, unless the disk in the drive is a member of your catalog.

The Add Files procedure in Fitter has undergone a complete overhaul from
V1.1, and works much more conveniently and efficiently now. Fitter will
always try to use catalog disks that are already in a drive when trying to
fit files, to eliminate needless disk swapping.

NOTE: During a file copy, if an error occurs, you have the option of
Formatting a new disk, or aborting the Add Files session. If you choose to
format a new disk, the files copied to the disk up until the error occured
will be re-copied to the next disk, unless the Delete files when finished

                  flag
                   is set, in which case the files will already have been deleted ↩
                      from the
source directory. This is an important shortcoming to keep in mind if you
choose to utilize the convenience of automatic file deletetion.

Currently, there is no safegaurd against this; Fitter will try to copy files
that were on the error disk again, and complain that it can't find them in
the source directory.

1.21   Add Files Drive selection

Drive Enabled checkboxes

Use these checkboxes to enable or disable a drive within the Add Files drive
cycle. A checked box means the corresponding drive can be used by Fitter
during the AddFiles session. As with all usable gadgets in the Add Files
window, this checkbox can be toggled on the fly, but it will not come into
effect until Fitter is done with the current disk.

This enabling/disabling of drives can be a great convenience if you're
running Fitter while using another application that needs to use one or more
of your floppy drives. Just toggle those drive(s) off in Fitter while the
other app needs them, and then back on when the app is done.

1.22   Add Files

Disk number boxes

The boxes to the right of the boxes containing the drives to be used by
Fitter contain the number of the catalog disk each drive. If no catalog disk
or a non Fitter catalog disk is in a drive, the number box for that drive
will be blank.

These boxes are strictly informational.

1.23   Add Files Copy program

                    Copy Method

Use the Copy Method preferences setting, or the Copy Method gadget in the Add
Files window on the fly to choose between using AmigaDOS' COPY command to
copy files to disks, or the copying routine built into Fitter.

Fitter is set to use Fitter's copy by default. There is no significant
advantage using AmigaDOS copy, but this option was left in for the sake of
any compatibility issue that may arise for different devices, which couldn't
be tested by the author.

Here are the advantages for using Fitter's copy:

– A copy
                    progress~indicatior
                    , in the form of % completed.

– The ability to
                    abort
                     at any time; using AmigaDOS copy, you must wait until
the current copy is finished.

– Add Files settings can be changed on the fly during a copy

–
                    Amigaguide~online~help
                     is always available (via the Help key), rather than
only being available when an entire file copy is finished.

– During testing, AmigaDOS copy occasionally encountered errors during
copying, which oddly gave a meaningless AmigaDOS error code of 20. Such have
never occured when testing with Fitter's copy.

1.24   File system format

                    File System (FFS/OFS)

This setting, whose default you can specify in
                    preferences
                    , or on the fly
during an Add Files session simply specifies what kind of file system Fitter
should expect to see when a catalog disk is inserted, and what kind of file
system to format a new disk with.

1.25   Delete files when finished setting

File Deletion

This setting appears as File deletion in preferences, and as and as Delete
files when finished during an Add Files session. If the box is checked for

this setting, Fitter will delete each file from the source directory after it
has been successfully copied to a disk.

When enabled, this feature eliminates the manual task of having to keep track
of and manually delete files you've fitted to disks. The overall effect is
"moving" files to disks.

1.26   Disk number box

Disk box

The AddFiles disk box simply contains the number of the disk it is currently
formatting or copying files to.

1.27   Progress status line

                 System status line

This status line reports what's currently going on in the Add Files session.
The status line also contains the % completed progress indicator, when the

                 Fitter~copy~setting
                  is being used.

1.28   Abort Add Files

                 Abort Add Files

As the name implies, you can use this button to interrupt an Add Files
session, and abort it. When aborting, you have three options:

1. Update and abort: This option implies that Fitter should rewrite your
catalog, reflecting all the new files that were copied so far during the Add
Files session, keeping the catalog in sync with your disks.

2. Pretend this session didn't happen: As it implies, this instructs Fitter
to leave your catalog alone, acting as if any files copied to disks never
happened. If you decide later that you want these changes reflected in your
catalog, you can do this by using the
                 Add~Disks
                  function for new disks, and
Rescan (in the
                 Files~&~Deletion
                  window) for disks in your catalog that had
new files copied to them.

3. Cancel Abort: Continue as if you didn't hit the Abort button.

1.29   The Add Disks WIndow

The Add Disks Window

The Add Disks window appears simply for disk labeling purposes. In the "Last"
section, for each drive, is displayed the volume label given to the disk in
that drive, AFTER the disk was read and added to your catalog. When you
remove a disk from a drive, look at the entry for that drive in the "Last"
section to determine what to label to physically write on the disk.

In the "Next" section, for each drive, is what the disk's label will be
changed to once you have inserted a disk, and the disk's directory is read.

1.30   The Add Disks Procedure

                 THE ADD DISKS WINDOW

General operation

When either of the two Add Disks options are selected from the
                Main~window
                ,
the Add Disks window will open, along with the Add Disks requester. This is
the part of Fitter that adds the contents (file list) of disks you have that
have not yet been introduced to Fitter. Your interaction during the Add Disks
function is strictly using one requester, with three options:

Finished: Select this button when you are finished adding disks to the
catalog. Upon selecting this button, the current catalog will be updated
with all the disks you have added.

OK: Select this button when the disk you wish to be catalogued is in the
drive that the requester specifies. You will not likely need to use this
button, because Fitter will detect when you have inserted the disk to
catalog, and immediately start reading it.

As of V2.1, Fitter no longer needs to relabel your disks as you add them. You
may leave them write protected. Fitter will record the volume name on the
disk, and refer to it when asks you to insert it in other parts of Fitter.

Abort: Use this button if you decide that you would like to cancel all the
disks you have added since selecting the Add Disks function from the Main
window. The catalog will not be updated with the new disks.

Use of floppy drives during the Add Disks function

The drives that are used during the Add Disks function are those that are
selected in
                preferences
                . The floppy drives you wish to use must be set in
the Preferences window before using Add Disks (select either Use or Save from
the Preferences Window).

As a convenience, the ability to use multiple drives is provided. This means
that for every "cycle" of disks to be catalogued, the disks may be inserted
in the drives in sequence so that Fitter reads them automatically without
your having to respond when going to the next selected drive. In fact, be
aware that this WILL happen for every disk already in a selected drive for
each cycle.

For example, let's say that you have DF0:, DF2:, and DF3: selected in the
Preferences window. When you first start the Add Disks function, Fitter will
ask you to insert a disk in drive DF0: to be catalogued. Fitter will wait
until you either put a disk in drive DF0: (and only DF0:), or select OK when
there is already a disk in that drive. After reading that disk, Fitter will
automatically read the disks in drives DF2: and DF3:, in that order, without
bringing up the requester, if there are already disks in those drives. If a
drive does not have a disk in it, Fitter will ask you to insert one in that
drive. The requester will ALWAYS come up for each first drive in the
"round", which in this example is DF0:.

1.31 The Search & Deletion Window

                   Files & Deletion Window

From this window, you can:

     - Interactively examine the contents of your disk catalog.

     - Search for files in your catalog.

     - Delete files from your disks.

     - Delete disks from your catalog.

     - Rescan individual disks to check for inconsistencies with your
     catalog.

This window contains the following gadgets:

            Disk~navigation~gadgets

            File~selection~buttons

            Selection~scope

            Disk~contents~box

            Rescan

            Delete~Now

            Space~left

            Files~Find~string

            Search~gadgets

```
                          Mark~pattern

                          Volume~label

                          Disk~writaeatble~flag
```

1.32   File selection gadgets

```
                          File selection buttons
```

Below the disk~navigation~gadgets are the file selection buttons. These
gadgets are used to select and unselect files on disks to be deleted. Whether
or not the buttons affect the current displayed disk, or the whole catalog
depends on the
                          selection~scope
                          .

All – Select all files on the current disk for deletion (thereby deleting the
disk itself), or all the files in the whole catalog.

None – Unselect all files on the current disk that are selected for deletion
or all the files in the whole catalog.

Invert – Select all files on the current disk (or the whole catalog) that are
currently unselected, and vice versa.

1.33   Selection scope gadget

```
                          Selection scope
```

Near the lower left corner of the Files & deletion window is the selection
scope gadget. The setting for this gadget affects the scope of the file

                          selection~buttons
                          ; it causes those buttons to either affect either the
current disk displayed, or the whole catalog of disks.

1.34   The disk navigation gadgets

```
                          Disk Navigation Gadgets
```

The cluster of gadgets: Number box, + and – buttons, and slider gadget in the
upper left corner of the Files & Deletion Window make up the disk navigation
gadgets.

Use these gadgets to select a disk whose contents will appear in the
                          disk

                          contents~box

. The number box contains the number of the catalog disk you're
looking at, and can be used to change the disk number by clicking in the box,
and typing the number in.

The + and - buttons increment and decrement the disk number by 1,
respectively. These are best used to fine adjust the number.

The slider gadget is a coarse adjustment for the disk number.

Note that the
                cursor~keys
                 can be used to navigate through the disks and their
contents.

1.35   Delete now button

                Delete now

This button is the "go ahead" button for the files deletion process. When you
click it, the
                disk~contents~box
                 is filled with all the disks numbers and file
names on them that you selected for deletion by clicking in the disk contents
box, using the
                file~selection~gadgets
                , or by using the
                Mark~pattern~button
                .

After confirming your decision to start the deletion by answering the
requester that appears, Fitter prompts you for the disks to insert, after
which it will delete the files you selected, both from the disk, and your
catalog. Obviously, the disks must be un-write protected. If you selected
all the files on any one disk to be deleted, Fitter will not ask you to
insert the disk; it will just remove the disk from the catalog.

Note that a
                disk~rescanning
                 is done automatically when Fitter is finished
deleting all the selected files on a disk, to make sure that what's in your
catalog reflects the disk's contents.

1.36   The disk contents box

                Disk contents

The box in the center of the Files & deletion window is the disk contents
box. It is here that the contents of the current disk are displayed. Each
file is displayed, along with its last modification date, size in bytes, and
file comment, if it exists.

You can select files that will be deleted by the

```
                    Delete~now

                    button
                     simply
```
clicking on them. Unselect a file by clicking on it again. A selected file
has an asterisk (*) just left of it.

Along with the slider at the right side of the box, the cursor keys can be
used to navigate through the currently displayed disk in the disk contents
box:

Cursor Left/Right goes ahead to the next disk in the catalog, or back to the
last disk in the catalog.

Cursor Up/Down moves the highlight (file selected) within the disk contents
box.

Holding down the Right Shift key while using cursor Up/Down moves within the
disk contents box a few items at a time.

You can also use the spacebar to toggle the selection of the current file
within the disk contents box.

Any other key (except the Help key) activates the
                    Find~string~box
                     .

1.37   Disk space available box

Space left

This line tells you how many blocks are left on the disk currently displayed.
Blocks are used here, rather than bytes, because the way Fitter determines
space availability during an Add Files session is by extracting the blocks
available on an inserted disk.

1.38   The Files Find string

Search gadgets

With the box at the bottom of the screen, you can specify a search string to
find the location of files within your catalog. To do this, simply click in
the box (or type any key except the cursor, space, Help and right shift
keys), and enter your search string.

The setting of the Name, Date, and/or Comment checkboxes, if checked means
that a search will include those respective parts of the file information to
match against for your search. For instance, if you have the Date and
Comment boxes checked, but the Name box unchecked, Fitter will try to match
what you typed in the Find box against file comments and date strings, but
not file names.

Match case, when checked, simply means that the text you typed as a search
string must match against file information, and the case of the letters must
match too. Unchecked, this box means that every search is case insensitive.

When a match is found, the disk containing the matching file becomes the
current disk, and it's contents are displayed in the disk contents box, with
the matching file highlighted.

When there are at least two matches in the catalog matching your search
criterion, you can use the next and previous match buttons (+/-) next to the
search string. Use + to go to the next file matching your criterion, and -
to a match that is earlier in the catalog. The search will "wrap around" the
catalog if there are no more matches until the end, or beginning of the
catalog.

1.39   Mark pattern

                Mark pattern

The Mark pattern button is used in conjunction with the
                search~gadgets
                , and

                scope~gadget
                 to select files for deletion, if their information matches the
pattern given in the
                Find~box
                .

The rules for pattern matching are the same rules used to find a file using
the search gadgets. There are no special characters in the Find box that
have a special meaning.

After clicking the Mark pattern button, all the files on the current disk, or
files on any disks in the catalog that have information matching your search
criterion are marked for deletion.

This feature can be useful to get rid of certain kinds of files on the disks
in your catalog. For instance, if you wanted to free a lot of disk space on
your disks by getting rid of all the large DMS files on them, you could
specify ".dms" in your search string, and have only the
                Name~checkbox~gadget
                checked.

A word of caution: Since a search pattern matches against any part of the
information it's being compared against, attention must be paid to the
pattern specified. In the above example, files ending in .dms would be
matched, but filenames containing ".dms" would also be matched, as in
something like "my_appication.dmsetting".

1.40   Catalog descrepancy checking feature

```
                        Catalog Discrepancy Checking
```

Fitter has a feature that checks the listing of files on one of your
catalogued disks against your catalog. This feature is activated by using
the Rescan Disk feature in the
```
                Files~and~Deletion~window
```
                , and it also happens
automatically during an Add Files session. In the Files & deletion window,
Rescan disk operates on the current disk displayed in the
```
                disk~contents~box
```
                .

Its purpose is to notify you when the listing of files on a disk, and the
list in your catalog do not match. When this happens, Fitter will report
both the Files that exist on your disk that are not listed in your catalog,
and vice versa.

This feature is useful in that it will always let you know if any new files
were copied, or files were deleted from a catalog disk, outside of Fitter.

After the discrepancy has been reported, your catalog is always updated to
reflect the contents of the disk.

1.41   Make disk writeable flag


```
                Disk writeable flag
```

This flag is in the form of a check box, and correlates to the disk currently
being displayed in the
```
                disk~contents~box
```
                . This means that each disk your
catalog will have its own setting for this flag.

When the box is checked for any given disk, it signifies that Add Files can
use the disk for copying new files to, as it needs. If the box is not
checked, Add Files will never ask for this disk.

This flag, new in V2.1, allows you the flexiblity of selecting which disks
Fitter can write to. This is most useful when you've added write protected
disks in an Add Disks session, just for the sake of recording their contents,
and you don't want them touched.

1.42   Volume label gadget


```
                Volume label / Rename Gadget
```

The text box at the top of the Search & Deletion window is the volume label
gadget. The name in this box is the disk volume label of the disk currently
being displayed in the
```
                disk~contents~box
```
                . It changes as the disk in the disk

contents box changes.

It can also be used to physically rename any given disk's volume label. To
do this, simply select the disk desired using the disk navigation gadgets,
and click in the volume label gadget. Type in the new label you want to use.
You will then be prompted to insert the given disk into any available drive
to physically relabel the disk. You may cancel at this point, if you wish.

When finished, this change is reflected both on the disk and in your catalog.

1.43   History / New Features

                HISTORY

Major versions:

5-31-95 : V2.10

NEW FEATURES:

-
                Disk~usage~options
                  (in Preferences): This controls how fitter decides to
use new and existing catalog disks during an Add Files session.

-
                Disk~writeable~flag
                 (in Files & Deletion): This is a flag that can be
toggled for each disk in a catalog. It determines whether a disk can be
written to (copied to) or not during an Add Files session.

-Menus available from the main window. This gives the user access to all the
high level functions available in Fitter, and provides standard menu keyboard
shortcuts for these.

-Free form disk lableling and
                disk~renaming~function
                . Fitter no longer needs
to rename disks in order to add them to the catalog. It will keep an
internal disk number, along with a volume label, for each disk. This allows
a user to add a write protected disk to the catalog using the Add Disks
function.

-
                Catalog~dumping
                 to ASCII feature (from Main window menu): An ASCII dump of
the current Fitter catalog can be generated, sorting by filename, filesize,
or by disk, optionally with each file's comment.

-File deletions now happen at the end of each disk, rather than after each
copy, thereby eliminating the possibility of deleting files from the source
directory before a problem occurs while copying files to a disk.

-Informational enhancements

BUG FIXES:

-Now properly reads V1.X Fitter catalogs.

-Amigaguide help request routines rewritten properly. This eliminates the
Enforcer hits found in V2.0.

-Now handles absolute paths properly (for catalog files, dump files, etc.)

3-4-95 : V2.00

-Add Files routine completely rewritten. Fitting now happens on the fly,
instead of creating a fitting list before the session starts. Files "fitted"
dynamically. Many aspects of Add Files were enhanced for better usability
and reliability.

-A copy program was written for Fitter internally. A choice between using
this one and AmigaDOS COPY is always available. Fitter's copy has a %
completed indicator, and can be interrupted at any time.

-An Add Files progress log is maintained for Add Files sessions.

-Many parts of the Add Files routine enhanced for better convenience and
reliability.

-Disk formatting now spawns a CON: window showing the progress of the
format.

-Fitter preferences modified according to the new changes in Fitter.

-Gadgets now properly ghosted where appropriate in the Main window.

-Entire new window/feature: the Search and Deletion window (this also
replaces the search function).

-Disk scanning feature that compares disk contents to catalog contents.

-Online Amigaguide help added.

2-20-94 : V1.01 Minor improvements:

-Comment gadget now refreshes (clears) after an Add Files session.

-Drives not available now ghosted out in Preferences and Add Files windows

-Path is now remembered for each subsequent use of the path gadget.

-Small (one second) delay is now used between the time between a disk is
inserted and when it is accessed during the Add Files session. This *MAY*
fix a problem reported by some people wherein Fitter looked at every disk as
if it was unformatted.

12-18-93 : V1.00 Fitter V1.0 has been developed on a 68030 based Amiga 1200,

and tested mainly on the same machine. Throughout this testing, no Enforcer
hits were found.

-Since near the beginning of this project, there has been a gadget refresh
problem that I suspect happens on WB 3.x based systems. The path text gadget
and size information gadget do not get "wiped clean" when new information is
displayed in them, like the other gadgets. After much frustration, and
questions to many people, an answer could not be found for this problem. The
program was developed on an A1200 using D.I.C.E., and so the author is one of
those who will be living with this annoyance, until an answer is found.

1.44   Bug reports

BUGS

It's simple: I cant fix them if I don't know about them. In the past, I only
found out about bugs by explicitly asking users if they'd been seeing any.

During the author's testing, no enforcer hits were found.

Extra note: Fitter V2.X does not support Amigaguide V39.X on Workbench 2.X
machines. If you wish to use Amigaguide help on such a machine (and avoid
crashes), you must obtain amigaguide.library V34.X. This is available on
Aminet, in the Amigaguide development package archive.

If you discover a bug while using Fitter, please contact me via internet
email at:

   benjamin@ritz.mordor.com

or via the postal service:

        Joe Thomas
        512 Adams St. Apt. 3N
        Hoboken, NJ 07030
        USA

Please feel free to contact me also if you have any suggestions to enhance
Fitter further.