

DiskMaster

Rudolph Riedel

COLLABORATORS

	<i>TITLE :</i> DiskMaster		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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REVISION HISTORY

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Chapter 1

DiskMaster

1.1 DiskMaster-Guide Main

DiskMaster II

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Rudolph Riedel
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Introduction

Copyrigh

Disclaimer

Functions

Distribution

Tools and Sources

New Versions

Known Bugs in DM

Send your wishes!

This is an open guide!

The Past!

The Future?

Cheers & Hellos

1.2 The stupid that hacked all this text into his machine...

Author

Yep, my name is Rudolph, exactly like the famous Reindeer... :^)

I was born 24.01.1972 in Ratzeburg, Germany

My Computer-Career started eons ago with a C64.
This little amazing machine ate a lot of my time as it demanded more and more from me, resulting in a few demos and a game.
My last handle/group was (is!) Shadowolf/Paralyze.

Then I came across Amigas.

My first system was an used A500 which I pushed to
1meg Chip/ 4meg Fast / 210 HD / A570 CD-ROM / 2 drives and Kick 2.05

My A1200 is now equipped as follows:

2 MB CHIP
16 MB FAST
Blizzard 1230 IV - 50 Mhz 030, no 68882
Quantum Maverick 540
NEC Multispin 4*4 ATAPI CD Changer
Creatix V34+ Modem
Kickstart/WB 3.1

Today I'm working for a small company that produces and
developes high-end audio equipment for showmen.

If you have any questions to this Guide or to DiskMaster itself,
feel free to contact me at:

rriedel@amiga.on-luebeck.de

Please use "diskmaster" somewhere in the subject, this will help
me to bring back some structure into my pm.

I also like to receive your Startup.DM and ARexx-Scripts for DiskMaster.

And please excuse my sometimes bad style, English is not my native language.

For those of you, that read thru this point,
also notice that I'm member of the INCAL! party posse!
You may have met me at cool parties like THE PARTY, or BlackBox Symposium.

1.3 What's that all about?

What the heck is DiskMaster and why exists this Guide?

DiskMaster is simply one of the very best directory-utilities ever!

DM is small fast and compatible, easy to use, easy to configure.
And among the best things it comes for free now!

You simply have to try out DiskMaster to become one of it's fans!

I came across DiskMaster early 1993, as far as I can remember.
To be honest, someone gave me a copy of this programme that
I tried out on my A500 with 1MB and Kick 1.3 .
Half a year later I really was into it and >honest< from then
I tried to buy the programme but there was nobody selling it.
We even tried to phone Progressive, this was back in 1994 or so.

In late 1994 I got hold of a copy of DiskMaster 2.1c,
again from an unknown source - no way to track it down.

In late 1995 I bought my modem - That finally opened the door.
As soon I had a connect to the german z-netz, I started writing adds.
But again no-one was willing or able to sell me the original.

It was in October 1996 when I finally made it to the internet.
On November 13. I put my first add in COMP.SYS.AMIGA.MARKETPLACE .
And the 16.11.1996 became the day, I was waiting for so long.
Jerry W. Rubemeyer from Iowa offered me his DiskMaster 2.0
together with the manual I ever needed so badly (100 pages).
Thanks again, Jerry!

On December 10. I put my first offer to swap Startup.DMs on the net.

The reactions on this and the following adds convinced me that I am
on the right way still supporting this splendid dir-util.
And as it seems that a lot of users received DiskMaster from the Cover-Disk
or from dubious sources like myself, I decided to write this guide to help all
these fellowers out there that are not so happy
to get hold of the original manual.

Additionally the manual is rather brief on some issues and I received a lot
of examples that I can provide to demonstrate the power of DiskMaster.

To my shame I basically copied the manual so far adding only few comments.
But I also provided some not mentioned functions.
The reason for this is that I wanted to have a solid basis first
to which I may attach new ideas easier.

And now that I received the source for DiskMaster, this is no longer a
stand-alone product but the official documentation for DiskMaster II.

I spent and will spend a lot of work on this, so appreciate it!

1.4 Copyright

Copyrigh

DiskMaster II is written by Greg Cunningham

It`s his baby and I`m only a kind of step-father!

On 97-03-10 I finally received the source-code from Greg.

So at this point I will take over development or at least bug-fixing
DiskMaster to a more stable and even better point.

DiskMaster II is now © 1997 by
Rudolph Riedel
The current Status of DiskMaster is Freeware.

And this means that you are allowed to copy and use it for free,
NOT that DiskMaster is Public Domain!

This Guide is © 1997 by
Rudolph Riedel
(rriedel@amiga.on-luebeck.de)

The current status of the Guide is Mailware!

So if you use it, all I request is that you send me an e-mail or
a postcard to give me a little feedback for my work.

My Address is:

Rudolph Riedel
Grüner Weg 63
23909 Ratzeburg
Germany

But please READ this guide before answering and PLEASE be patient,
I read all your mail but I`m a bit slow in answering now...

1.5 This is really necessary...

Disclaimer

The author is in no way liable for any damages or loss of data
directly or indirectly caused by the information given in this document!
Some of the information could be false other could be easily misused.

In other words:

When you try any of the described examples on your configuration you do this completely on your own risk!

Like it's not my fault when you delete your files, you pushed the button!

DiskMaster itself is provided as is, you use it on your own risk!

1.6 Functions

DiskMaster Functions -
General Information

About
Deselect
PrintDir
SetPattern
AddAutoCommand
Dirlist
Priority
SetPrinter
AddCommand
Expand
Protect
Single
AddKeyCommand
Extern
Quit
Sort
AddMenuCommand
Find
Read

Status
Archive
Font
Reset
StdIO
Auto
HostScreen
Recursion
Swap
BarFormat
Lock
Rename
TitleFormat
Batch
Mkdir
ReqPattern
UnLock
Button
Move
REXX
UnMark
Check
Msg
Root
Unpack
ChangeCommand
NewDir
SaveConfig
Wait

CloseWindow
OpenScreen
ScrBack
Window
Color
OpenWindow
ScrFront
Comment
Pack
Select
Confirm
Parent
SetDate
Copy
Pens
SetFormat
Delete
Print
SetList
Removed Functions

1.7 Some notes on the functions described

General Information

- All DiskMaster functions can be issued through ARexx.
(Arexx only functions are marked)
 - The entire command, including menu, title,
command
string,
-

etc., can be no longer than 255 characters.

- Due to restrictions in the function parser, all function names could be abbreviated down to five characters.
E.g. "Extern" could be abbreviated as "Exter".

In the functions below, arguments enclosed in "< >" are required, while those enclosed in "[]" are optional.

My very own comments are marked with "*".

1.8 About

About

Function: Brings up the "About"-Requester.

Syntax: About

Arguments: None

1.9 AddAutoCmd

AddAutoCommand

Function: Adds an AutoCommand to the list.

When a file double-clicked, DiskMaster attempts to determine what type of file it is by matching the first few bytes of the file to a list of known patterns.
If those few bytes match any of the patterns, the corresponding AutoCommand will be executed upon that file.

Syntax: AddAutoCmd [data,
 pattern
 '
 command
 ']

Arguments:

(no arg): If this function is issued with no arguments, a requester will appear asking for the proper arguments.

data: The data compared against the first few bytes of the,
 to determine wheter or not this AutoCommand is to be executed.

The "?" wild card character may be used to represent a single unknown character.
Control characters are preceded by the "^" character.

Two special flags may be used in place of the data: TEXT and DEFAULT.
The TEXT AutoCommand will be executed if no other patterns are matched and the file is a text file.
The DEFAULT AutoCommand will be executed if no other patterns are matched.

Examples:

```
AddAutoCmd FORM????ILBM, ShowPic
```

```
    %s
```

After double-clicking on a file, DiskMaster will read the first ←
few bytes

of the file and attempt to match it with the pattern "FORM????ILBM",
which is the pattern for IFFILBM pictures.

If the pattern is matched, the command string
"ShowPic

```
    %s
```

" will be executed.

```
AddAutoCmd FORM????ILBM, *.iff, ShowPic
```

```
    %s
```

The file must end with ".IFF" and must match the data pattern also ←

```
    .
```

```
AddAutoCmd , *.iff, ShowPic
```

```
    %s
```

The data doesn't matter, but the filename must end with .IFF to ←
match.

1.10 AddCmd

AddCommand

Function: Adds a command to the current command window.

```
Syntax: AddCmd [title, ##,  
             command  
             ]
```

Arguments:

title: The text that will appear in the command window to
identify this command.

##: A two digit number, specifying the foreground and background
colors to be used to display the Title text.
The two numbers used are DM color palette register values.

Example:

```
AddCmd  DH0:,10,NewDir DH0:*
```

Adds a command called " DH0:" to the current command window, which when activated, changes the current window directory to dh0: . The text " DH0:" will be displayed using color 1 as its foreground and color 0 as its background.

1.11 AddKeyCmd

AddKeyCommand

Function: Add a keyboard command.

Syntax: AddKeyCmd [key,
 command
]

Arguments:

key: The key to be pressed for the command.

Examples:

```
AddKey c,Copy
          %s
          %d
          Press "c" to begin a file copy.
```

```
AddKey C,Copy
          %s
          Press SHIFT+C to start a copy that requests dest path.
```

1.12 AddMenuCmd

AddMenuCommand

Function: Adds a new menu entry to the current menu strip.

Syntax: AddMenuCmd [menu_name,title,key,
 command

]

Arguments:

menu_name: The name of an existing or new menu to which the new menu item will be added.

title: The text that will appear in the menu to identify this command.

key: A single printable character to be used in conjunction with the [Right Amiga] key to activate this command from the keyboard. The character used is not case sensitive. However, special characters such as "&" or "æ" will require the use of the [Shift] or [Alt] keys to invoke the command.

Example:

```
AddMenu Config,About,A,About
```

Adds an item called "About" under the "Config" menu, which can be activated by pressing [Right Amiga] + [D].

Hint: In the Startup.DM, adding menus prior to opening any windows will increase the speed of the script execution.

1.13 Archive

Archive

Function: Provides a multi-select feature taylor-made for file archivers.

Syntax: Archive [ArcCommand]

Arguments:

ArcCommand: The external archive command with it's normal "Add" arguments.

Example:

```
Archive "LHA <* -r a"
```

Opens a requester asking for the archive name, then adds all selected files to the existing archive, or creates a new archive file.

* Here a trick I received from jtierney@cyberlink-inc.com (Jody Tierney) to "misuse" archive for multi-selection:

```
>- Archive _can_ be tricked into not opening a requester. The following
> command sends the full path & name of all selected files in the source window
> to "T:Selectedfiles". Archive "C:Echo >T:SelectedFiles" %s
```

1.14 Auto

Auto

Function: Uses auto commands on all selected files.

Syntax: Auto [
 file
]

Example:

```
AddCmd Auto,20,Auto
      %s
      Adds the Command "Auto" to the CommandWindow that when selected ↔
      will
batch process all selected files.
```

1.15 BarFormat

BarFormat

Function: Specifies which information and in what order it is to appear in the title bar of the Workbench or DiskMaster screen.

Syntax: BarFormat [text][%V][%C][%F][%P][%T][%D][%M][%Y][%W]

Arguments:

text: Any text you like to be displayed in the title-bar.
 %V: Displays the current version-number of DM.
 %C: Amount of available CHIP RAM.
 %F: Amount of available FAST RAM.
 %P: Amount of available (public) RAM in total.
 %T: Displays the current time.
 %D: Displays the current date.
 %M: Displays the current month (abbreviated).
 %Y: Displays the current year.
 %W: Displays the current weekday (abbreviated).

Example:

```
BarFormat "DM %V Chip:%C Fast:%F Total:%P %W - %D.%M.%Y %T"
```

Will result in a title bar that might look like this:

```
DM 2.1c Chip:1530064 Fast:14823088 Total:16353152 Sun - 9.Feb.97 9:30PM
```

1.16 Batch

Batch

Function: Executes a DiskMaster batch file.

Syntax: Batch [
 file
]

Example:

```
Batch
      %s
Executes the selected files in the source window as DiskMaster ←
      script files.
```

1.17 Button

Button

Function: Assigns a function to the S (source) and D (destination) gadgets.
Clicking on S or D gadget will invoke the command.

Syntax: Button "
 command
 "

Example:

```
Button "Parent"
```

When the S or D gadget is selected, the "Parent" function is performed.

1.18 Check

Check

Function: Totals the number of bytes in the specified files or path and
determines whether or not there is room on the destination device to
hold the files if copied.

If there is enough room, the amount of storage space that will be left is displayed.
If there is not enough room, you will be informed.
All feedback is displayed in the DiskMaster screen title bar.

Syntax: Check <path>

Arguments:

path: The AmigaDOS path which is to be totaled and compared to the destination.

Example:

```
Check
      %s
      Totals the byte count of the selected files and directories and ←
      indicates
wheter or not they will fit in the destination directory.
```

* This function was broken untill version 2.1a .
Without a destination choosen the programme bombed.

1.19 ChgCmd

ChangeCommand

Function: Requests that you select a command to be altered,
then open a requester allowing you to edit the command
without editing the configuration file directly.

Syntax: ChgCmd

Arguments: None

1.20 CloseWindow

CloseWindow

Function: Closes the current window.

Syntax: CloseWindow

Arguments: None

* Could be of use in ARexx-Scripts.

1.21 Color

Color

Function: Sets the RGB values (in hexadecimal) of each color register.

Syntax: Color [colors]

Arguments:

(no arg): Opens the palette requester allowing you to visually change the color palette.

colors: The set of hexadecimal values specifying the RGB value of the color palette register. The color registers are set from left to right with each RGB value separated with a space.

Examples:

```
Color
```

Opens the palette requester.

```
Color 999 222 EEE 358
```

Sets the first four colors.

* Notice the 4 Bit per entry values.

One of the first things I ever did in usage of DM, was to write a tiny program that opens a reqtools-palette requester to supersede the internal DM one.

1.22 Comment

```
Comment (  
Recursive  
)
```

Function: Changes the comment text of the specified file.

Syntax: Comment <
file
> ["text"]

Arguments:

(no arg): Opens a requester with the current comment to be edited.

Examples:

```

Comment
        %s
        Opens a requester with the current comment to be edited
for each selected file.

```

```

Comment
        %s
        "Babelfish`n`Chips"

Sets the comment "Babelfish`n`Chips" for each selected file.

```

1.23 Confirm

Confirm

Function: Opens a requester displaying a message, a "Continue" gadget, a "Stop" Gadget and a text line. All text in this requester can be customized. If the user selects the "Continue" gadget the requester will disappear and the remainder of the command string will be executed. If the User selects the "Stop" gadget, the requester will disappear and the remainder of the command string will be disregarded.

Syntax: <"text"> [Continue] [Stop] [edit text]

Arguments:

text: The text that will appear as headline in the requester. If the text is to contain spaces, it must be included in quotes.

Continue: The text that will be displayed in the "Continue" gadget.

Stop: The text that will be displayed in the "Stop" gadget. If this text is specified, the "Continue text must also be specified.

edit text: The text that will be displayed in the string gadget.

If any text is to contain spaces, it must be included in quotes.

Examples:

```
Confirm " Drop dead?" "Yo!" "No way!";Quit
```

Opens a simple requester without string gadget to confirm the action "quit".

```
Confirm "Name of encoded file?" "Go!" "Stop!" .uu;Extern uuencodex
        %s

        %r
```

Opens a requester which string gadget contains the string ".uu" that can be modified by the user and is accessed as

```
%r
.
```

1.24 Copy

```
Copy (
Recursive
)
```

Function: Copies the specified file(s) to the specified destination.

Syntax: Copy <
file
> <
dest
> [Newer]

Arguments:

Newer: If this flag is set files will only be copied if the source file of the same name is newer than the file in the destination directory or if the file does not exist there.

Examples:

```
Copy %s %d
Copies selected source files to the destination directory.
```

Copy DF0: DF1:

Copies all files from DF0: to DF1:

1.25 Delete

```
Delete
```

Function: Deletes the specified file(s).

Syntax: Delete <

```
file  
>
```

Example:

```
Delete
```

```
%s  
Deletes selected files and directories in the source window.
```

1.26 Deselect

Deselect

Function: Deselects files and directories based on pattern matching.

```
Syntax: Deselect [  
        pattern  
        ]
```

Arguments:

(no arg): Opens a requester asking for a pattern to match.

Examples:

```
Deselect
```

Opens a requester asking for a pattern to match.

```
Deselect *
```

Deselects all files and directories in the current window.

```
Deselect *.info
```

Deselects all files and directories ending with ".info".

1.27 Dirlist

Dirlist (ARexx only)

Function: Gets the contents of the current window with
selected / deselected status.

```
Syntax: Dirlist [variable]
```

Arguments:

variable: Name of the list variable to be used by the ARexx programm for the information obtained from the DiskMaster window.

Example:

```
address DM
Dirlist List
do i=1 to List.0
  parse var List.i name +30 size +8 time +9 date +7 prot +9 cmt +80 dir0 +1 sel
  say name size time date prot dir sel
end
```

Displays directory of the current window in console window.

1.28 Expand

Expand

Function: Specifies whether the expanded AmigaDOS volume and path names or unexpanded device names will be used to display directory paths.

Syntax: Expand [ON|OFF]

Arguments:

(no arg): Toggles between the two modes.

ON: Specifies that all paths are to be expanded to their fullest.

OFF: Specifies that physical and logical device names will be used as part of the directory path.

Example:

```
Expand ON
```

Tells DiskMaster to expand all path names.

* I prefer "Expand OFF" to prevent any troubles from equal volume names when I have the harddisk from a friend attached to my system.

1.29 Extern

Extern (
Recursive

)

Function: Use external programs as DiskMaster functions.

Syntax: Extern [
 command
] [args]

Arguments:

args: Arguments normally used by the external program. The "
 %s
 " and
 "
 %d
 " flags may be used to specify source and destination directories,
 or selected source files or directories.

To run multiple external functions from the same command,
 separate them by placing a "\" between each function.

Examples:

```
Extern munpack
      %s
      -f >nil:
```

Runs the "MUnpack" command providing the first selected file in the source
 window as the name of the file to be "de-mimed".

```
Extern stack 30000\Tools:GfxCon %s Format GIF
```

Runs multiple external commands. First sets stack to 30000, then runs
 the "GFXCon" program telling it to convert the selected picture(s) into GIF.

1.30 Find

```
                  Find (  

          Recursive  

          )
```

Function: Searches the path for files containing the current pattern.
 When a file is found which matches the specified pattern, a requester
 will appear asking if you want to continue the search,
 abort the search or open a window displaying the directory
 where the file was found.

Syntax: Find [
 file
]

Examples:

```
Find
    %s
    Search the selected paths using the current pattern.
```

```
SetPattern "+.txt"; Find DF0:
```

Search DF0: for files ending with ".txt".

1.31 Font

Font

Function: Changes the font to be used for file and command display.

Syntax: Font [name/size]

Arguments:

name/size: The name and size of the font.
The font must be located in the "Fonts:" directory.
If the font is not found, the default font is used.

Examples:

```
Font clean/8
```

Set font to clean.font, 8 point

```
Font
    %s
    Set font to selected file ( i.e. SYS:Fonts/topaz/8, or Fonts:topaz ↔
    .font)
```

Note: The use of proportional fonts is NOT recommended as they
will cause alignment problems!

1.32 HostScreen

HostScreen

Function: Use a public screen as host.

Syntax: HostScreen [name]

Arguments:

name: The name of a public screen.

Example:

```
HostScreen BAUD
```

All windows after this will open on the BaudBandit screen.

1.33 Lock

Lock

Function: Locks a window as either a source or destination window.
This function allows for the use of multiple source
and/or destination windows.

Syntax: Lock [S|D]

Arguments:

S: Locks window as source window.

D: Locks window as destination window.

Examples:

```
Lock S
```

Locks last selected window as a SOURCE window.

```
Lock D
```

Locks last selected window as a DESTINATION window.

1.34 MakeDir

MakeDir

Function: Creates a new directory.

Syntax: MakeDir [name]

Arguments:

(no arg): Opens a string requester.

name: The name to be given to the new directory.

Examples:

```
MakeDir
```

Opens a requester asking for the name of the new directory.

```
MakeDir RAM:T
```

Makes a directory in RAM: called "T".

1.35 Move

```
-----
                                Move (
Recursive
)
-----
```

Function: Copies the specified file(s) from the source to the destination then deletes the specified file(s) from the source.

```
Syntax: Move <
         file
         > <
         dest
         > [NEWER]
```

Arguments:

NEWER: This flag specifies that only files of like names which have a newer file date than the existing files are to be moved.

Examples:

```
Move
    %s
    %d
    Moves selected files from the source window to the destination ←
    window.
```

```
Move
    %s
    RAM:
```

Moves selected files from the source window to the RAM: directory.

```
Move
    %s
    Requests the destination directory, then moves selected files
```

from the source window to that destination.

1.36 Msg

Msg

Function: Displays text in the DiskMaster screen title bar.

Syntax: Msg "text"

Arguments:

text: Any text which is to be displayed in the DiskMaster screen title bar.

Example:

```
Msg "Do something!"
```

Displays the message "Do something!" in the DiskMaster screen title bar.

1.37 NewDir

NewDir

Function: Changes the directory path of the source window.

Syntax: NewDir [path|dmfile]

Arguments:

path: AmigaDOS path name.

dmfile: DiskMaster script file to be executed in lieu of reading a new directory.

Examples:

```
NewDir
```

Changes the path of the current window to "none" which displays the device list.

```
NewDir RAM:*.info
```

Changes the path of the current window to RAM: (displays only .info files).

1.38 OpenScreen

OpenScreen

Function: Opens a custom screen.

Syntax: OpenScreen [planes] [LACE|HALF] [A|AutoScroll width height]
 [S|SuperHires]
 [P|Productivity] (still not tested)

Arguments:

planes: The number of bitplanes to use for the custom screen.
 This determines how many colors will be available for that screen.
 One (1) bitplane will provide two (2) colors,
 Two (2) bitplanes will provide four (4) colors,
 and three (3) bitplanes will provide eight (8) colors.

LACE: Specifies that the custom screen is to be opened in
interlace mode.

HALF: If interlace mode is used, specifies that the custom
screen is to open on the lower half of the screen only.

A: Opens a screen of the given width and height that will be scrolled
automatically when the screen is bigger than display size (OS2 and up only).

* Beware! There is no minimum screen size implemented yet!

S: Opens the custom screen in Super-Hires mode.

P: Opens the custom screen in Productivity mode.

Examples:

```
OpenScreen 3 LACE
```

Opens an eight (8) color interlace screen.

```
OpenScreen 2 LACE A 1024 1024
```

4 color autoscroll 1024x1024 (under 2.0 only)

* This function is one of these I like to rework.

1.39 OpenWindow

OpenWindow

Function: Opens a file display or command window on the current DM screen.

Syntax: OpenWindow [left top width height [path|dmfile|CMD]]

Arguments:

left: The pixel coordinate for the left boundary of the window.

top: The pixel coordinate for the top boundary of the window.

width: The width of the window (in pixels).

height: The height of the window (in pixels).

path: The DOS path to be read and displayed in the newly opened window.

dmfile: The file name of a DiskMaster script file that will be executed upon the opening of the new window.

CMD: Command Flag. This flag specifies that the newly opened window will take over as the current command window.

Examples:

```
OpenWindow 100 150 200 50 RAM:
```

Open a new window which will load and display the directory "RAM:".

```
OpenWindow 100 150 200 50 C:s*
```

Opens a new window which will display only files which start with "S" in the C: directory.

```
OpenWindow 100 150 200 50
```

Opens a new window which will display the device list.

```
OpenWindow 100 150 200 50 CMD
```

Opens a new window which will take over as a new command window.

1.40 Pack

```
-----  
Pack (  
Recursive  
)  
-----
```

Function: Compress a file using internal single file compression method.
A ".dmp" extension is added automatically.

Syntax: Pack [
file
] [signature]

Arguments:

signature: An up to four character signature that will be included in the header of the file for later identification by an auto command. The pattern is: DMP0xxxx

Examples:

```
Pack
      %s
      Opens a requester, asking for a signature then packs all selected ↵
      files
using the same signature.
```

```
Pack
      %s
      txt
```

Using "txt" as signature will result in "DMPtxt" as header of the file.

* Nearly undocumented features are my favourite to explain... :-)

1.41 Parent

Parent

Function: Displays the contents of the parent directory in the current directory path of the source window.

Syntax: Parent

Arguments: None

1.42 Pens

Pens

Function: Allows you to customize which color register is used for each AmigaDOS 2.0 pen.

Syntax: Pens [color]

Arguments:

color: This is the DiskMaster palette register number to be used for the specific AmigaDOS 2.0 pen. There may be as few as two,

and as many as eight register numbers, depending on the number of bitplanes being used.

The position of the color numbers specifies which AmigaDOS 2.0 pen will be assigned that color. The positions are as follows:

```
1 = Detail Pen
2 = Block Pen
3 = Text Pen
4 = Shine Pen
5 = Shadow Pen
6 = HighFill Pen
7 = HighFill Text Pen
8 = Background Pen
9 = Highlight Text Pen
```

Note: Refer to your AmigaDOS 2.0 manual for a description of the purpose of each of these pen attributes.

Example:

```
Pens 0 1 1 0 2 1 3 0 1
```

Assigns color registers 0-3 to AmigaDOS 2.0 pens, as specified by their position.

* Reported to be buggy or at least not compliant to DM 2.0 .
I was not able to set the color for the directory text.

1.43 Print

Print

Function: Prints specified file(s) (text or picture).

Syntax: Print <
 file
 > [HEX]

Arguments:

HEX: Specifies that the file is to be printed in hexadecimal format rather than in text or graphic format.

Example:

```
Print
      %s
Prints all selected files in the source window.
```

1.44 PrintDir

PrintDir

Function: Prints selected files/dirs in source window using current format.

Syntax: PrintDir
 file
 output

Arguments:

output: The logical device the text shall be passed to.

Examples:

```
PrintDir  
          %s  
          PRT:
```

Prints a list of all selected files using the printer.

```
PrinDir  
          %s  
          RAM:x
```

Generates a file ram:x that contains the list of selected files.

1.45 Priority

Priority

Function: Change the current AmigaDOS priority of DiskMaster.
Changing this priority value can have an effect on other running programs. It is recommended that unless you are familiar with the effects of changing program priorities, you should leave the DiskMaster priority at its default setting.

Syntax: Priority [#]

Arguments:

(no arg): Selecting this command will open a requester,
 allowing you to edit the current priority value.

#: The new priority value.

Example:

Priority 0

Sets the DiskMaster priority to 0.

* Totally unnecessary.

1.46 Protect

```
-----
                                Protect (
Recursive
                                )
-----
```

Function: Changes protection/attribute bits on specified file(s).

```
Syntax: Protect <
         file
         > ["[+] [-] [hsparwed] [G]"]
```

Arguments:

+: Specifies that the following bits are to be turned ON.

-: Specifies that the following bits are to be turned OFF.

hsparwed: Optional list of bits to be turned ON or OFF when preceded by a plus (+) sign or minus (-) sign. If the plus or minus signs are NOT used, the list will specify the absolute bit settings. The bits have the following meanings:

H - Indicates that the file should be Hidden.

* Ofcourse NOT!

From OS2 to 3.0 "H" was the "Hold"-Bit, used by the OS to automatically make "pure" commands resident. The support for "Hold" was removed in OS3.1 . Please make no use of it.

S - Indicates that the file is an AmigaDOS Script.

P - Indicates that the file is Pure and can be made Resident.

A - Archive Bit; used by hard disk backup programs to indicate whether or not the file has been backed up. This bit is automatically reset to OFF if any other tool has written to the file.

R - Indicates that the file may be Read.

W - Indicates that the file may be Written to.

E - Indicates that the file may be Executed.

D - Indicates that the file may be Deleted.

Note: If bits to be turned on or off are not specified, a requester will appear displaying the current protect bit

settings, allowing you to edit them.

D: Global flag.

When this flag is present, the requester will not appear for each selected file.

Instead, the current bit setting are used for all selected file(s).

Examples:

```
Protect
    %s
    Opens a requester, asking for protection bits to be edited for
each selected file.
```

```
Protect
    %s
    RWED
```

Sets each file to "----RWED"

```
Protect
    %s
    "+S-P"
```

Turns the script bit ON and turns the pure bit OFF on each selected file.

```
Protect
    %s
    +D
```

Make all selected files deletable.

1.47 Quit

Quit

Function: Exits DiskMaster.

Syntax: Quit

Arguments: None

1.48 Read

Read (
Recursive
)

Function: Opens DiskMaster's built-in file reader
to read the specified file(s).

Syntax: Read <
file
> [HEX] [LACE|HALF] [SEARCH["Text"]]

Arguments:

HEX: Specifies that the file reader is to use its "Hexadecimal" mode.
In this mode, the file will be displayed in both Hexidecimal and ASCII.

LACE: Specifies that the file reader is to be opened in interlace mode.

HALF: If interlace mode is used, specifies that the file reader
is to open on the lower half of the screen only.

SEARCH: Specifies that a search is to be made on the specified file(s).

Text: If a search is to take place, specifies the search string.
If SEARCH is specified, but this argument is omitted,
a requester will open first to ask for the search string.

Using the Reader:

Once the reader has loaded the file and opened its screen,
the first page of text is displayed.
The file reader does not wrap the text.

Scrolling:

Cursor Left/Right (Keypad 4/6): Move the display window by eight columns.
Cursor Up/Down (Keypad 8/2): Move the display window by one line.
Shift Cursor Up/Down (Keypad 9/3): Move the display window page-wise.
T / Keypad 7 : Top of file.
B / Keypad 1 : Bottom of file.
Space / Left Mouse : Toggle "Jump" mode / "Smooth" mode.

When in "Smooth" mode, placing the pointer in the center of the screen will
pause the scroll. Moving the pointer a short distance up or down from center
will cause the display to move slowly in the direction of the pointer movement.
Moving the pointer up or down to the near top or bottom of the screen will
cause the display to quickly scroll in the direction of the mouse movement.

Searching:

S : Opens a requester asking you for a string to search.

The search string requester will accept the wild card characters
"?" (single unknown) and "*" (multiple unknown). When in
hexadecimal display mode, entering a hexadecimal value preceded
with a "\$" will search for that hexadecimal string.

After entering the search string, the reader will search the file for the
specified string. If the string is found, the portion of the file will be

displayed where the string first occurs, with each occurrence of the string highlighted.

C : Continue the search.

M : Switch between HEX and ASCII modes.

To exit the file reader you can click on the close gadget at the upper left corner of the screen, or press [Q], [Esc], [Enter], or [Return], or the mouse.

Examples:

```
Read
      %s
      LACE
```

Read selected text file(s) using an interlaced screen.

```
Read
      %s
      Lace Hex
```

Opens the reader in interlace and in hexadecimal display mode.

```
Read
      %s
      SEARCH "bubblegum"
```

Read selected text file(s) and search for the string "bubblegum".

1.49 Reset

Reset

Function: Resets DiskMaster to a primitive state in which it contains no windows or menus. By placing this command at the beginning of a script, a running DiskMaster can be completely re-configured.

Syntax: Reset

Arguments: None

1.50 Recursion

Recursion

Function: Enables or disables recursion, allowing for functions to be performed on a directory without having it performed on the files within that directory.

Syntax: Recursion ON|OFF

Arguments:

ON: Enables recursion.

OFF: Disables recursion.

Example:

```
Recursion OFF;Rename
    %s
    This will allow you to rename a directory, and will not attempt
to rename any files within that directory.
```

1.51 Rename

Rename

Function: Renames specified files and/or directories.

Syntax: Rename <
file
> [new]

Arguments:

new: The file's or directory's new name.
Without this argument, a requester will open asking for the new name.

Example:

```
Rename
    %s
    Opens a requester asking for the new name of each selected file.
The requester uses the old name as a default, allowing you to edit it.
```

1.52 ReqPattern

ReqPattern

Function: Opens a requester asking for a pattern to be matched when directories are selected. A default pattern, and custom text in the title bar and gadgets may be included.

Syntax: ReqPattern "text" [
 pattern
] [Okay Abort Cancel]

Arguments:

text: Text to be displayed in the requester's title bar.
 If the text included spaces, it must be enclosed in quotes.

Okay Abort Cancel: This requester is used for both recursive and nonrecursive operations, and contains three gadgets. The first gadget accepts the pattern and closes the requester, the second gadget aborts the entire (recursive) operation and the third aborts the current operation. The text for each of the gadgets can be changed, however their functions will remain the same.

Example:

```
ReqPattern "Please enter pattern" *.c
```

Requests pattern to be used in the current operation with "*.c" as the default.

1.53 REXX

REXX

Function: Executes the specified ARexx program or string.

Syntax: REXX [file|"string"]

Arguments:

file: Name of ARexx program to be executed.

string: ARexx command(s) to be executed. The ARexx string must be enclosed in quotes.

Examples:

```
REXX "parse arg x,say x"
      %s
      Echoes each selected filename to the console window previously
opened with the "StdIO" command.
```

```
Rexx FastDMView.rexx
      %p
      Executes the Arexx-Script "FastDMView" providing the current path ←→
      as argument.
```

1.54 Root

Root

Function: Displays the root directory of the current window path.

Syntax: Root

Arguments: None

1.55 SaveConfig

SaveConfig

Function: Saves a batch file that will recreate the current environment exactly.

Syntax: SaveConfig [file][ICON]

Arguments:

(no arg): Opens a requester asking for the name of the file to be written or overwritten with the environment information. The file will be saved with an icon.

file: Name of file to be written or overwritten with the environment information.

ICON: Specifies that an icon is to be provided for the saved file.

Example:

```
SaveConfig Startup.DM ICON
```

Saves the file as "Startup.DM" (with an icon).

1.56 ScrBack

ScrBack

Function: Pushes the DiskMaster screen behind other existing screens.

Syntax: ScrBack

Arguments: None

1.57 ScrFront

ScrFront

Function: Brings the DiskMaster screen to the front of other existing screens.

Syntax: ScrFront

Arguments: None

1.58 Select

Select

Function: Selects file in the source window using the specified pattern.

Syntax: Select [
 pattern
]

Arguments:

(no arg): Opens a requester asking for the pattern for the selection.

Examples:

Select *

Selects all files and directories in the current window.

Select *.info

Selects all files and directories in the current window which end with ".info".

1.59 SetDate

```
-----  
                                SetDate (  
Recursive  
)  
-----
```

Function: Changes the file date and time of the specified file(s).

Syntax: SetDate [
file
] [date]

Arguments:

date: The date to be written to the specified file(s).
The date must be specified in the format hh:mm:ss ddmmyy.
If no date is supplied, the current date and time will be used.

Example:

```
SetDate  
    %s  
    Sets the date of all selected files in the source window to the  
current time and date.
```

1.60 SetFormat

```
-----  
                                SetFormat  
-----
```

Function: Specifies which, and in what order information is displayed in the file display windows.

Syntax: SetFormat [N] [S] [T] [D] [M] [Y] [W] [A] [C] [Text]

Arguments:

(no arg): Opens a requester allowing you to edit the current format.

N: File name
S: File size
T: Time
D: Date
M: Month
Y: Year
W: Day of week
A: File attributes (protection bits)
C: File comment

Text: Any text that is to be displayed along with the file information.

Examples:

```
SetFormat
```

Opens a requester allowing you to edit the current format.

```
SetFormat "S N A T W D-M-Y C"
```

Changes format to SIZE NAME ATTRIBUTES TIME WWW DD-MMM-YY COMMENT

```
SetFormat "NS C"
```

Changes format to SIZE NAME COMMENT

* The "Text" option is somewhat useless since even quoted characters will be interpreted - text without a/c/d/m/n/s/t/w/y works fine...

1.61 SetList

SetList (ARexx Only)

Function: Displays items in a list in a file display window, allowing you to use it as an ARexx item selection window.

Using

```
DirList
```

```
, the status of this list
```

(selected/deselected) is returned to the ARexx program.

Syntax: SetList <stem_name>

Arguments:

stem_name: The stem name of the list (defined in an ARexx program) to be displayed. The list must be defined prior to issuing this command and must be in the following format:

```
SList.1='One' SList.2='Two' SList.3-'Three'
```

Example:

```
SetList SList
```

Displays the items in "SList" in the current file display window.

1.62 SetPattern

SetPattern

Function: Sets the pattern for the current operation, overriding the pattern specified by "ReqPattern".

Syntax: SetPattern

pattern

Example:

```
SetPattern *.c
```

Sets pattern for current operation to *.c.

1.63 SetPrinter

SetPrinter

Function: Opens the printer option requester, allowing you to change the current printer setup.

Syntax: SetPrinter

Arguments: None

* Isn't the requester-layout awful? This is another subject to change.

1.64 Single

Single

Function: This function tells the (recursive) function to occur only once when activated, regardless of how many files are selected.

Syntax: Single

Arguments: None

Example:

Single;Delete %s

Would delete only one selected file, without deleting any directory or its contents.

1.65 Sort

Sort

Function: Changes the sorting method

Syntax: Sort [N(ame)] [S(ize)] [D(ate)] [F(ast)]

Arguments:

Name: Displays all files sorted by name.

Size: Sorts by size, smallest files displayed first.

Date: Sorts by Date, oldest files first.

Fast: Disables all sorting, added for testing some things,
will probably be gone as soon I have re-programmed the sorting algo's.

Example:

```
Sort N
```

```
* I am working on it...
```

1.66 Status

Status (ARexx Only)

Function: Returns string in result for ARexx programs.

Syntax: Status <P> <F> <V> <H> <D>

Arguments:

P: Returns current path of source window.

D: Returns current destination path.

F: Returns current file display format.

V: Returns "DiskMaster V2.1c" or whatever the current version is.

H: Returns public screen name or host screen.

Example:

```
Status P
```

1.67 StdIO

StdIO

Function: Opens or closes an Input/Output window to allow interaction with external program.

Syntax: StdIO [filespec] [CLOSE]

Arguments:

filespec: Standard console window information such as the console handler, window dimensions and window title.

Close: Closes previously opened I/O window.
This argument may appear at the end of the command string which opened the I/O window.

Examples:

```
StdIO "CON:240/20/260/40/DiskMaster I/O"
```

Opens a console window.

```
StdIO CLOSE
```

Closes the window.

Note: The I/O window opened by DiskMaster is NOT a CLI window. It is available to provide a method of program interaction for those programs which such, but do not supply their own method of communication.

1.68 Swap

Swap

Function: Swaps the directory paths between the two most recently active windows.
If only two windows are open,
will swap the directory paths between the two.

Syntax: Swap

Arguments: None

1.69 TitleFormat

TitleFormat

Function: Specifies which, and in what order information is displayed in the file display window title bar.

Syntax: TitleFormat [%C] [%F] [%I] [%B] [Text]

Arguments:

%C: Number of files in directory.

%F: Amount of available (free) space on the disk.

%I: Number of files selected in the window.

%B: Total number of bytes in the selected files.

Text: Any text that you may want to display in the window title bar.

Example:

```
TitleFormat Selected: %I of %C Files totaling %B Bytes
```

Displays a mixture of text and system information resulting in a window title bar that may appear as below:

```
Selected: 5 of 20 Files totaling 24674 Bytes
```

1.70 UnLock

UnLock

Function: Unlocks the selected window, or all windows.

Syntax: UnLock [ALL]

Arguments:

(no arg): Unlocks the currently selected window.

ALL: Unlocks all windows.

1.71 UnMark

UnMark

Function: Enables or Disables automatic deselection of files during operations. This feature allows multiple operations to be performed on a set of selected files without the need of re-selecting them after each operation.

Syntax: UnMark [ON|OFF]

Arguments:

ON: Enables deselection.

OFF: Disables deselection.

Example:

```
UnMark OFF;Copy
    %s
    %d
Copies all selected files without deselecting them.
```

1.72 Unpack

```
Unpack (
Recursive
)
```

Function: Decompress a file using internal single file compression method.

Syntax: Unpack [
file
]

Example:

```
Unpack
    %s
Unpack all selected .dmp files.
```

1.73 Wait

Wait

Function: Causes a timed delay or a cued delay.

Syntax: Wait [seconds]

Arguments:

(no arg): Asks user to press [return] (A StdIO window must be open)

seconds: The number of seconds to wait before proceeding with the remainder of the command string.

Example:

```
Wait 4
```

Waits for 4 seconds.

1.74 Window

Window

Function: Selects a window, making it the source window.

Syntax: Window <Path|DEST|NEXT>

Arguments:

Path: An AmigaDOS path.

The window that matches the specified path will be selected.

DEST: Selects the destination window.

Next: Selects the window which appears as the next window in the list.

1.75 These are gone now...

Removed functions since 2.1c:

DiskCopy

Format
Play
Backpattern
ShowPic

1.76 Play

Play

Function: Play a music module.

Syntax: Play [
 file
]

Arguments:

(no arg): Stops the musik and unloads the module.

Examples:

Play
 %s
Plays the selected file as a SoundTracker/NoiseTracker/ProTracker ↔
 module.

Play

Stops playing.

* removed in 2.2b2

1.77 DiskCopy

DiskCopy

Function: Performs sector copy from source floppy disk to destination floppy disk(s).

Syntax: DiskCopy <source> <dest0> [dest1] [dest2] [dest3] [MULTI]

Arguments:

(no arg): Opens a diskcopy requester allowing you to visually set all diskcopy options.

source: The floppy drive to be used as the source drive.

dest0: The first floppy drive to be used as the destination drive.

destN: Optional destination drives.

MULTI: Multiple Copy flag allowing more than one set of copies to be made from a single reading of the source disk.

Example:

```
DiskCopy Df0: Df0: Df1: MULTI
```

Reads the disk in DF0: into memory, then writes to DF0: and DF1: . After each set of copies is complete, you will be prompted to insert additional disks into DF0: and DF1: to make additional copies. Pressing ESC will abort the operation.

* removed in 2.2b2

1.78 Format

Format

Function: Formats one or more floppy disks.

Syntax: Format <DFx:> [name] [DFx:] [name] ... [INSTALL|QUICK|FFS|VERIFY]

Arguments:

DFx:: The drive to be used to format a disk.

name: The name to be given to the disk being formatted in the previously specified drive.

INSTALL: Makes the newly formatted disk "bootable".

QUICK: Specifies that the directory of the disk will be cleared instead of a full format being performed.

FFS: Use the FastFilingSystem on that disk.

VERIFY: Specifies that the disk is to be verified during format.

Examples:

```
Format
```

Opens DiskMaster's format requester.

```
Format DF0: Empty0 DF1: Empty1 DF2: Empty2 INSTALL QUICK
```

Formats disks in DF0:, DF1: and DF2: with diff. names, installing each, and uses the QUICK option (fast clear).

* removed in 2.2b2

1.79 Backpattern

Backpattern

Function: Loads any size IFF ILBM as a pattern.

```
Syntax: Backpattern <
         file
         > [[P]alette]
```

Arguments:

P: Use the color palette of the selected picture.

Examples:

```
Back "Env:DMPattern.ilbm"
```

Loads the specified file.

```
Back
      %s
      P
```

Loads the selected file and uses it's color palette.

```
Back
```

Clears the pattern.

* removed in 2.2b3

1.80 ShowPic

ShowPic (

```
Recursive
)
```

Function: Displays IFF ILBM picture files, or plays IFF 8SVX sound files.

```
Syntax: ShowPic [
           file
           ] [seconds]
```

Arguments:

seconds: The number of seconds the picture file is to be displayed (this argument does not affect sound files).

Example:

```
ShowPic
           %s
           Shows/Plays all selected files in the source window.
```

* removed in 2.2b3

1.81 Flags

DiskMaster Flags

%s - The selected file or drawer with full path.
 %d - The destination path.
 %p - The source path.
 %r - The string from a requester. (also returned in RESULT for ARexx)

1.82 Command

The "Command" Keyword

command: The command-string DiskMaster will execute when you selected an option from the menu or the CommandWindow, when you double-clicked a file and it matched with one of the AutoCommands or when you press a key for a Key-Command.

The string may contain several internal or external functions separated by ";".

1.83 File

The "File" Keyword

file: The file or drawer you selected to perform a function on.
This could be provided absolute or as
 %s
 .

1.84 Pattern

The "Pattern" Keyword

pattern: Any printable text may be used as the pattern to be matched.
The wild card characters "?" (single unknown) and "*" (multiple unknown) may also be used.

1.85 dest

The "dest" Keyword

dest: The destination path.
The
 %d
 flag may be used in place of this argument to specify
that the path specified by the destination window is to be used.

1.86 Recursive

Recursive

Functions marked as "Recursive" will work on all selected files and all files in selected directories by being invoked until the function was performed on all of them.

When you have five files selected and perform the
 Comment
 function
on them, then the requester will pop up five times to let you enter the comment for the selected file in the row.

* The default-setting for "comment" is:

AddCMD Comment, Comment,Recurse OFF;Comment
%s

So you won't be able to set the comments for files within a ←
selected drawer.

Otherwise you are able to set a comment for a selected drawer.

1.87 The goodies included...

You should find these file in the archive:

```

ARExx
DM2                58344 Bytes 2.2b5
DM2.guide          101993 Bytes 0.20
DM2.guide.info     1576 Bytes The Original Icon
DM2.info           1567 Bytes A nice magic WB icon,
                  provided by eivanov@tfs.net (Eddie Ivanov)
MyStartup.dm       8494 Bytes 2.23
MyStartup.DM.info  850 Bytes A non-lace Icon I edited from the original one

```

1.88 Arexx-Magic

ARExx-Scripts included:

```

AssignList.rexx    1723 Bytes      by Steven D. Kapplin
DM-Vir.DM          2765 Bytes 1.1 by Inorix Scripts (Jan-willem van Eys)
DMSpopper.rexx    1162 Bytes 1.0 by R.Riedel
FastDMView.rexx   728 Bytes 2.1 by R.Riedel
FileShow.rexx     9000 Bytes 3.1 by Inorix Scripts (Jan-willem van Eys)
Sub_FileRecog.REXX 3344 Bytes 2.8 by Inorix Scripts (Jan-willem van Eys)

```

AssignList.rexx :

AssignList.rexx - DiskMaster utility to get assign an create new command window which contains a listing of all mounted volumes and assigns. When you click on any items in the list a new DM window will open with a listing of the directory for the selected device or assign. Makes it easier to navigate through you hard drive system. You may also add additional devices which may not show up in the lists produced by ARExx's showlist() function.

DM-Vir.DM :

Intelligent Viruskiller script for DiskMaster II.

It will check for running Virus_Checker v7.18+ or VirusZ II v1.33+.
If neither is running, it will start one.

DMSpopper.rexx :

An example script to show the power of ARexx.

It opens a new command window for special treatment of autodetected DMS files.

FastDMView.rexx :

A multi-selection script for FastView.

FastView has the ability to load and process as much pictures as there is space in your memory.

The bad thing is that DM has no multi-selection feature and FastView's command line is restricted to 256 Bytes in length.

So this script is the solution.

FileShow.rexx :

A File_ID.diz extractor for DiskMaster II

Sub_FileRecog.REXX :

FileRecog subroutine

FR_T clip : Filetype

FR_S clip : Short type identifier

FR_I clip : first 48 chars as hex string

Known filetypes:

Archives: LZH, LHA, LHA-SFX, LZX, ZIP, ARC, RAR, ARJ, DMS, Zoom, XMash, XArchive,
PackDev.

Packed : XPK, PP20.

Images : GIF, JPEG, IFF, ANIM.

Sound : WAVE, 8SVX.

Other : EXE, ICON, GUIDE, IntroCAD.

IFF : ILBM, ANIM, 8SVX, CTLG, PREF, CDAF, FAXX, STFax.

1.89 All the little helpers listed...

This tells more about all the little extra utilities beeing used:

Most of the tools I use to expand the capabilities of DM could be found on aminet.

Nevertheless I'll try to give you more information on all these little helpers like the complete path on aminet and the version numbers.

FTPMount: Mounts FTP sites as part of a filesystem.

Version: 1.0

Path: Aminet/comm/tcp/FTPMount_1_0.lha

1.90 The places to go...

 Here you will find new versions of DiskMaster:

Aminet/util/dir - I will upload new versions, the bad thing about this site is that I have to wait ten days before I'm allowed to upload a new version.

comp.sys.amiga.binary - I gave my permission to distribute DM over this newsgroup moderated by Bill Zimmer (zim@ibx.com)

http://www.on-luebeck.de/~amiga - NOT Online yet but under heavy construction by Richard Backhaus.

ftp.on-luebeck.de/??? - Will appear together with my homepage.

1.91 Bugs

 These are the known Bugs in DiskMaster 2.1c

- The Text Reader is limited to 10000 lines or 500k or something, misses the end on internally crunched files and scrolls to the next matching string while searching instead of jumping.
- The sorting algo is awfully slow, even though written in assembler.

Some "Benchmarks":

	SortBy:	
Files:	Name:	Fast:
2890	27:60 sec	5:50 sec
6092	1:52:45 min	12:20 sec
10002	4:51:05 min	20:06 sec

- DM crashes on screens too deep.

This is something I was not able to confirm anymore.
 Works fine with 8 planes on my AGA/3.1 machine.

Looks like the 2.1c source from Greg was rather 2.1d or something...

- The "openscreen" function is far from being perfect, a screenmode requester has to be implemented.
 - The listviews can't be scrolled using the keys.
 - I'm missing a %n Flag for a long time now.
 - not 100% C -> even more work to make it portable to pOS or the like.
-

- "Pens" seems to be broken.
- "SaveKonfig" uses def_tool.info instead of def_project.info .
- the screentitle is black - is this really a bug??
- FastView is not working correctly anymore.
This is not a bug in DM but in FastView.
SAS's System() is pointing at SystemTagList() instead of Execute() on systems running OS2 and up.
And for some strange reasons FastView doesn't like it to be invoked by SystemTagList().
To workaroud this bug I left DM unchanged and include a "run" in every autocommand using FastView.
- shows wrong amount of space on drives >2gig,
reported by haz@geocities.com (G. Hazianastasiou)
- large list of files are scrolling if you selected one file at the bottom
and copy it instead of jumping to this entry

Please report any bug you are aware of to make this list more complete!

1.92 You want it?

What features do you like to see in DM?

Development will go on!

At first I want to fix some bugs and implement some of the features I had in mind for a long time now.

I like to get DM even smaller and faster, with more funtionality of course.

As I already received one mail concerning this: MUI will NOT be used!

But I will make use of new OS functions and therefore the support for Kickstart 1.3 has already been dropped!

And If there is something I just have to implement from OS 3 ,
the support for OS 2 will also be sacrificed.

And now it's your turn.

If you have any ideas on how DM could be improved, then send me a mail!
But please read the guide carefully before.

Some suggestions:

Localisation - Requested by fsloos@hol.nl (Fabian Sloos),
haz@geocities.com (G. Hazianastasiou)
MaxII@B-52.ohz.north.de (Dieter Kaye).

I already thought about making all internal strings user-editable via

a file called Strings.DM or something.
Real .locale support looks to unflexible to me.

Compare - Requested by bills@webgate.net (Bill Simon).

A function that checks two identical drawers if files have changed.

Purpose: Easy Backups using DM.

My suggestion: Write an ARexx script for this purpose.

Requested by jtierney@cyberlink-inc.com (Jody Tierney):

CTRL-X, CTRL-K, & CTRL-U), no WB 1.3 support

This will be implemented nearly automatically when I remove the silly requester stuff in DM using more decent system functions.

XPK support for pack/unpack

No, I don't like this idea, yet.

different Fonts for title, menus, window text...

Requested by G. Hazianastasiou.

Later, let me fix some bugs first.
This will also lead to a new screen handling.

Sub-Menus - Requested by hybrid@slinknet.com (Chris Hall)
fishb@gte.net (Dave Pierson)

This will be part of pushing DM beyond OS 1.3...

1.93 Help me!

This is an OpenGuide (tm)

This document is for you, for the users of DiskMaster!

If you have the feeling that somethink should be improved or somethink is missing, feel free to snap the according section from the guide and do what you like to improve it, then send it to me.
Ofcourse it should be somewhat bigger than a simple typo.

For example, the tools-section is really empty.
The description of a tool should explain very briefly what this utility is doing and where it could be found, a config example could be tricky.

I also received requests for translated DM2.guides .
If you like to translate this guide, I won't prevent you from doing so.

You will ofcourse be listed within the "Credits" section.

This is an experiment, I hope it works.

1.94 All the tortures listed below...

History

DM2 - the binary

DM2 - the guide

1.95 DM2

What happened to the binary so far:

2.2b5 (97-03-28) 58344 Bytes

- Received reports from kes132@freenet.mb.ca (Wolfgang Ernicke) and deadbeat@iwn.fi (Timo Ronkko) that DM's title screen is flickering and the cpu-iddler is too high when DM is waiting. Removed all VBI Timer code and modified main(). This stopped the flickering which was caused by constantly updating the screentitle - that also caused the high CPU load. According to Xoper 2.6, the CPU usage dropped from 25% to 0% while DM is doing nothing but waiting. The drawback of this is that the title bar will only be refreshed when you actually do something.

- reworked internal Startup.DM a bit

2.2b4 (97-03-24) 58716 Bytes

- removed more dead code I found reading the source in my breakfast-break

2.2b3 (97-03-23) 58772 Bytes

- removed all 1.3 compatibility routines
- removed "ShowPic" and "Backpattern" - saved 6.6k
- included VersionString
- general cleanup of the source - removed all dead sections
239408 Bytes -> 164451 Bytes total

2.2b2 (97-03-20) 65632 Bytes

- modified "About" to pop up an easyrequest() requester, this saved 3.5k and will do nothing on OS below 2.0
- Option "Fast" added to SortBy for testing purposes
- removed "Play" for being a buggy, obsolete, assembler part of the code, saved 5.5k
- removed "Format" and "DiskCopy" because I think that
 - a) nobody is really using a disk-only system anymore
 - b) it would have been too much work to update them
 - c) it was nice to save again 5.3k

And please be patient, this not a weekend-project!

I printed the source - 130 pages ! - now my daily work is to drive to the company I'm working for, xerox a chapter or two from the source, reading it during my breakfast and lunch-breaks, marking some things.

After working 8-10 hours for my company I drive my bike home.

I have the source for ten (10!) days now!

This will take some time, but I'm not giving it up!!

- 97-03-11 recompiled using SAS-C 6.57 and Includes 40.15

From the file "Programme_Changes" that came with the cover disk:

v2.1c Fixes:

Printer setup now shows the proper values instead of always 0.

This must be what's causing the other problems with output, since you can't see what the values really are.

Print doesn't switch to HEX when the file is less than 199 bytes.

PrintDir now works.

PrintDir will exclude escape code if the output is not PRT:.

I've also added *some* AGA support.

I had a 4000/Toaster to test for a couple of days.

All but HAM8 hires work fine.

Greg

P.S. Can you believe all the bugs were caused by the SAS/C v6.0 sprintf() function?

DISKMASTER 2.00 -> 2.03 CHANGES:

- Title bar clock update under 2.0
- Archive files with spaces (uses quotes)
- Multiple sources with 'unmark off' commands (i.e. SizeCheck)
- 'Read %s SEARCH' automatically starts, and skips to next file when it reaches the end.
- Default Arc extract menu item was missing a space. "Arc <*x %s"
- Doesn't assume device names are null terminated.
- ~In batch files, ";" as the first character can be used to comment out a line.
- ~Fixed startup lock stuff:
 - OpenWindow
 - Lock S
 - OpenWindow
 - Lock D

- This was not locking the source window.
- Single and double quotes can be intermixed in batch like ARexx.
- ~Additions/changes:
 - About and other requesters will show the version/revision number in the title.
 - Added "Copy %s %d RENAME" (asks for new filename while copying)
 - Added %P (source path without filename)
 - %R (requester string)
- ~Reader now accepts 'M' key (mode change) switches between hex/ascii, menu button exits the reader, added line/lines page/pages.

DISKMASTER 2.03 -> 2.04 CHANGES:

- Added %V (version) to Barformat so title will show current version.
- ~Superbitmap scrolling in ShowPic is faster.
- Fixed Size Check for correct calculations between FFS and non-FFS.
- ~Now synchronous rexx. "REXX command %s" will now be given each filename as before, but DM now waits for the command to return before continuing on to the next.

DISKMASTER 2.04 -> 2.1 CHANGES:

- Added FFS to format.
- Added HD formatting, but not tested.
- ~Added Backdrop pattern/picture for custom screens.
- ~Diskchange and directory modification detect enhanced.
- ~2.0 pens are saved in the config.
- ~Fixed crash when deleting files when sorting by date.
- ~Project icon DefaultTool path is expanded so it will always find DM.
- ~Fixed font selection problem in printer setup.

DISKMASTER 2.1 -> 2.1a CHANGES:

- Fixed S<->D swap bug; now no longer crashes machine.
- Fixed the addition of Hex information when saving a STARTUP.DM file; this bug especially noticable on floppy-based systems.
- ~Fixed Progressive logo.
- Fixed CHKsize bug; When a SOURCE device was checked, if there wasn't a DESTINATION chosen, the programme would bomb.

1.96 DM2.Guide

What happened to the guide so far:

- 0.20 (97-03-31) - updated "Bugs"-section
 - 0.19 (97-03-28) - updated "Bin-History"
 - removed "Author" from main menu and installed a few links instead
 - pushed the guide over the 100000 bytes line
 - new section "New Versions" in main menu
 - changed some text
 - renamed "External" to "Extern"
-

-
- 0.18 (97-03-24) - Oops, forget my mail-address
and added another line to the "Copyright" section
- updated "Bin-History"
- updated "Distribution" section
- 0.17 (97-03-23) - fixed a bug in "Extern" and added "M" to "Read"
thanks to bryanw@connectnet.com (Bryan K. Williams)
- fixed a bug in "General"
- moved "BackPattern" and "ShowPic" to the "Removed" section
- updated Bin-History
- changed "SortBy" to "Sort" as this really makes
no difference to the command line parser and
changed the text a bit
- updated "Bugs" section
- and as this is not enough, I replied again 12 mails...
- 0.16 (97-03-21) - today was "Email-Day"!
I replied 15 mails from 20:53:21 to 00:32:17,
also modifying the guide at this time.
- removed obsolete text from "Dirlist"
- added text to "archive" - look!
- added text to "Wish" section
- fixed a bug in the "Future" section
- updated "Bugs" section
- 0.15 (97-03-20) - added "Removed Functions" section
- updated DM2 history
- added "OpenGuide" section
- updated "Bugs" section
- fourth Aminet release, you are too demanding!
- 0.14 (97-03-19) - fixed three bugs:
Contents page - "Send your wishes"
"Select" linked to "ScrFront"
SetList mentions a "GetDir", that never existed
Thanks, jtierney@cyberlink-inc.com (Jody Tierney)
for reporting the bugs.
- improved "Future" section a bit
- 0.13 (97-03-16) - reworked "Introduction" section
- reworked "Copyright" section
- renamed "Available Scripts" in "Distribution"
and included a new section "ARexx"
(Just for your pleasure, Jan-Willem ;)
- added "Wish" section
- reworked "History" section
- third Aminet release (or second since the last
one seems to be lost somewhere)
- 0.12 (97-03-15) - received "DiskMasterII.Doc" from Mike Hendren
this will prevent me from typing 25k text at least!
- added "dest" section
- added "Lock", "MakeDir", "Move", "Msg", "NewDir",
"OpenScreen", "OpenWindow", "Pack", "Parent", "Pens",
"Play", "Print", "PrintDir", "Priority", "Protect", "Quit"
"Read", "Reset", "Recursion", "Rename", "ReqPattern", "REXX",
-

- "Root", "SaveConfig", "ScrBack", "ScrFront", "Select",
- "SetDate", "SetFormat", "SetList", "SetPattern",
- "SetPrinter", "Single", "ShowPic", "SortBy", "Status",
- "StdIO", "Swap", "TitleFormat", "UnLock", "UnMark",
- "Unpack", "Wait", "Window"

- my "raving-shoes" will never forgive me this "lost" saturday
- all functions added now, > 8 hours of work today!

- 0.11 (97-03-10) - received the source to DM from Greg including some typed info that could be added to my guide
- started to OCR some pages, unfortunately M\$ does not seem to like my approach as WinDoom permanently crashes... :-)
 - added "Expand", "Extern" & "Find" from my first OCR session two hours - two pages ?!?
 - some updates, some changes...
 - added "Font"
 - added "Format"
 - added "Hostscreen" - faster without OCR...
 - second pre-release to aminet
- 0.10 (97-03-08) - possibly found someone to OCR me a bunch of pages
- cosmetics
 - a few sentences added
 - added "Delete" (have to do something:)
 - added "Deselect"
 - changed the button layout in the "Functions"-section
 - added section "General Information"
 - added section "Pattern"
 - fixed some text
 - added "Dirlist"
 - added "DiskCopy"
- 0.9 (97-03-01) - added "Confirm"
- added "Copy"
 - cosmetics
 - first pre-release to aminet
- 0.8 (97-02-27) - changed the version-number, just for the fun of it :^)
- 0.7 (97-02-26) - no motivation to leave the house today, rain is nice - watched from the right side of a window...
- added "Check"
 - added some minor important text
 - increased readability by dividing between commands and functions (?)
 - added "ChgCmd"
 - added "CloseWindow"
 - added "Color"
 - added "Comment"
 - added section "Recursive"
 - seven pages from the manual done, 29 to go, this will grow to 150k I guess now
- 0.6 (97-02-22) - added a new Chapter - "Known Bugs"
-

- added statement from Greg Cunningham to the copyright-section
 - added "Batch"
 - added section "Flags"
 - added "Button"
 - added section "File"
 - added "Backpattern"
 - another three hours "invested", have to find a way to OCR at least a few pages from the manual
- 0.5 (97-02-09) - restructured the .guide a bit to save space and increase readability
- cosmetics
 - a bit silly but added "About" as this is a real function too
 - added "Archive"
 - added "BarFormat"
 - added "Auto"
- 0.4 (97-02-06) - finished "AddAutoCommand"
- added "AddKeyCommand"
 - added "AddCommand"
 - added "AddMenuCommand"
 - bugfixes
- 0.3 (97-01-30) Lots`a text still to be added...
- 0.2 (97-01-29) First structures are visable...
- 0.1 (97-01-28) First steps in creating amigaguide-documents...

1.97 What`s next?

The road-map for future-releases:

DM2 - the binary

DM2 - the guide

1.98 Changes to DM2

The road-map for future-releases:

-fix all the bugs

*Under Construction....

1.99 Changes to DM2.guide

Things to be done:

- Add much more information to the list and provide more "exotic" examples
- Bugfixes
- more scripts to be bundled with this release
- send your wishes

- a survey on the users demands for new functions in DM2 and the removal of obsolete functions like the "DiskCopy" for example

1.100 Howdy Friends!

Credits

Special Greetings to:

Greg Cunningham - Thank you!
Jerry W. Rubemeyer - You finally ended my quest - many thanks!

The following persons gave me a hand on creation of this document:

Mike Hendren - thank you for providing the DiskMasterII.Doc!!
J.M.S.oftware - whoever you are, thanks for typing the manual!
Jody Tierney - thanks for reporting the bugs in DM2.guide 0.13!
Bryan K. Williams - thanks for reporting the bugs in DM2.guide 0.15!

Fast Greetings to:

Dave Haynie - Thank you for the hardware!
The OS3 Team - Very nice work guys, but please complete it someday...
Nico Francois - Wherever you are...

Personal Greetings to:

Richard Backhaus - my all-purpose coding-slave :-)
Jacques Bojart - long term brother in arms...
Henrik Doerfler - I still remember the day when I came from Volker's place...
Nicolas Franck - I really want that ProWizard update...
Thomas Kelly - Thank you for a very interesting Mail-Thread!
Magnus Kutz - What about a trip to the "Body'n'Soul"?
Ingmar Mix - I won't trust you again in dating with girls...
Martin Sass - Let's have a party again!
Patrick Schimpke - The scene's dead anyway... :-(
Timo Treeter - Thank you for the party-panic, honey.. :^)
