

MSDOS

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COLLABORATORS

	<i>TITLE :</i> MSDOS		
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REVISION HISTORY

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Chapter 1

MSDOS

1.1 main

MSDOS® For AmigaDOS, ©1996 Dave Lomax

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Please support SHAREWARE :-)

1.2 msdos_disclaimer

Disclaimer

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You use "MSDOS For AmigaDOS" at your own risk, and although nothing could possibly go wrong if it is used correctly, the Author accepts no responsibility for damage to Hardware, Software or Themselves!! :-)

I WOULD REALLY APPRECIATE AN E-MAIL FROM --ANYONE-- USING THIS PROGRAM SO THAT I KNOW WHETHER OR NOT IT IS WORTH MY WHILE MAKING USEFUL MODIFICATIONS TO IT OR NOT. PLEASE PLEASE E-MAIL ME, IF YOU CAN, JUST TO SAY THAT YOU'RE USING IT!!! See Address.

This package is semi-Shareware, so if you send me a donation, of £5 or more you'll receive the any newer versions of the package. See Address

#### Liscence agreement

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- I agree that if I have access to, I will E-mail cmsdloma@livjm.ac.uk to let the author know I am using this program.
- If after 3 months, I am still using it, I will send a donation to the author or I'll remove it from my system....

1.3 msdos_introduction

Introduction

~~~~~

This is a CLI/Shell only Utility and isn't really for the beginner, but then again, any one who has to suffer the company of PC's, really. This is mainly aimed at PC users. :-)

If you use a PC at work, running MSDOS and come home to a wonderful Amiga running AmigaDOS, you will appreciate the differences between the two operating systems.

So how does it work?

When you Install "MSDOS® For AmigaDOS®", you create a directory in which to place your MS-DOS commands, this can be anywhere you like, preferably on your boot disk.

"MSDOS® For AmigaDOS®" is for Shell use only certainly not Workbench, nor is it a commodity. It is a collection of AmigaDOS® Aliases which are made resident upon startup. These aliases work by creating temporary substitutes for AmigaDOS commands. So when you type DEL at the Shell, it really runs the AmigaDOS delete instruction. Like this, this package will save you loads of time when working in a Shell. Some commands cannot work as ALIAS'es so they are script (batch) files instead. The script files allow interactive usage of MS-DOS commands such as DELTREE which is a command AmigaDOS® lacks that allows you to delete an entire directory tree (The AmigaDOS® equivalent is Delete <name> all quiet).

What is MSDOS for AmigaDOS?

Quite simply- it allows you to use MSDOS commands on your AMIGA, most of which are conveniently shorter and there are a few extra commands.

Here's some features:

- Enables the use of commands like Del, Deltree, Pause, DOSKey, etc.
  - No need to alter existing Workbench commands
  - Works with RESIDENT commands too! (One or two, like DELTREE don't)
  - Takes up VERY LITTLE RAM!
  - Fully AmigaDOS 2+ compatible, & works on ANY device (irrelevant!).
  - Completely invisible- AmigaDOS commands still work as well!
  - Doesn't echo commands. It's "QUIET" like MSDOS
  - Can use \* wildcard!
  - Also allows you to use . as current directory and .. as parent
  - Double click an MS-DOS icon, and get an MS-DOS supporting DosShell
  - Use A: and B:, instead of boring old DF0: and DF1:
-

If you are a regular user of both MS-DOS and AmigaDOS, then this is for you. MSDOS for AmigaDOS DOES NOT erase any current AmigaDOS commands, it simply ADDS MS-DOS ones to the system using very cunning ALIASES and BATCH files. This means that, for example you could use DEL or DELETE if you wanted to delete a file.

Here's a quick example of how MS-DOS --CAN-- be shorter than AmigaDOS:

| Operation                | AmigaDOS               | MS-DOS Equiv'  |
|--------------------------|------------------------|----------------|
| Delete all files         | Delete #?              | Del.           |
| Delete *.info files      | Delete #?.info         | Del *.info     |
| Delete a directory       | Delete <name> all      | DelTree <name> |
|                          | Delete <name>.info     |                |
| CD to These_Are_The_Docs | CD These_Are_The_Docs  | QCD These      |
| Format a disk            | Format drive df0: name | Format A:      |
|                          | Empty noicons          |                |

You CAN also do "Del." because I made a seperate command to do this.  
 NB: Although . and .. will work for Current directory and Parent directories respectively, if you have installed DosWedge, you CANNOT do "Del ." << There must be NO SPACE between "Del" and "." DOS doesn't allow you to literally remove the entire Current Directory! I think you might get an 'object in use' error, IF it doesn't get baffled first at what you're trying to do! :-) Use "Del." which removes the contents of the directory!

More details on these DOS patches later!

Like MS-DOS, All commands I have implemented are "quiet". This means that they do not say anything in response unless there was an error.

For example:

| AmigaDOS            | MS-DOS           |
|---------------------|------------------|
| H:> Delete Test.Txt | H:> Del Test.Txt |
| Test.Txt Deleted    | H:>              |
| H:>                 |                  |

Notice how MS-DOS tells you nothing, as usual. Well now, your Amiga can be quiet too, without bothering to add that annoying "quiet" parameter on the end!

## 1.4 msdos\_installation

### Installation

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System requirements

The package was written on an A1230HD/68030/68882/50MHz running KS 3.0 and Workbench 3.0. (Yes, it is fast! But feel free to donate any 68060 boards!!! :-))

N.B. You should still use AmigaDOS paths in the same way, unless you use Slashpatch feature as well, not recommended, because it's confusing!

So whereas before you would have needed to enter, say:

```
Copy from Work:#?.PIC to ""
```

Now, you only need to enter:

```
COPY Work:*.PIC .                (to copy all .PIC files from Work:
                                  to the current directory)
```

DF0: and DF1: business

~~~~~

So you're sick of using DF0: and DF1: all the time, eh!!? Well, now you can refer to your drives as A: and B: respectively.

Yep, whereas before, you might enter:

```
Delete DF0:#?.info
```

Now, you only need enter:

```
DEL A:*.info                      (Deletes icon files from A:)
```

Just like MS-DOS :-)

CrossDOS support

~~~~~

If you have CrossDOS®, you can literally read PC MS-DOS disks. BUT! You won't be able to use A: and B:, because it will be configured to PC0: & PC1:, which is a bit of a bummer. Or is it!? If you get your hands on a useful utility called MultiFileSystem, you can use A: and B: with as many disk formats as you like. Well, almost :-) You can find MFS on Aminet: AmiNet/Disk/Misc/MFS... I recommend this, too!

This would enable you to bung an MS-DOS disk into say, "Drive A" and do A: to change the current directory to PC Drive A.

You can even do stuff like Del *.BAT and delete all "BAT" files!!
(If you really wanted to!).

In Fact, "MSDOS® For AmigaDOS®" Doesn't care what filesystem it operates on! I was just pointing out that the commands work on MS-DOS disks just as well!

1.5 msdos_commands

Commands

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Okay, I've installed it, I've re-booted and opened a SHELL, now what?

Well, here's a list of some AmigaDOS and their new MS-DOS equivalents:

| MS-DOS                                   | AmigaDOS                                      |
|------------------------------------------|-----------------------------------------------|
| A:                                       | Cd (DF0:)                                     |
| B:                                       | Cd (DF1:)                                     |
| Attrib <filename> <protection>           | Protect <filename> <protection>               |
| Backup <drive> <filename>                | DMS Read <filename> from <drive> CMODE HEAVY2 |
| Buffers <drive> [buffers]                | AddBuffers <drive> [buffers]                  |
| Call <filename>                          | Execute <filename>                            |
| Cd\                                      | Cd /                                          |
| Cd/                                      | Cd /                                          |
| Cd..                                     | Cd /                                          |
| ChDir [dir]                              | Cd [dir]                                      |
| ChkDsk                                   | DiskDoctor (?)                                |
| Choice <prompt>                          | Ask <prompt>                                  |
| Cls                                      | Echo "<CTRL L>" or Amiga Z on KingCON         |
| Country <keymapid>                       | Setmap <keymapid>                             |
| Date [date]                              | Date [[date][time]]                           |
| DeFrag                                   | ReOrg *                                       |
| Del <filename>                           | Delete <filename> quiet                       |
| Del.                                     | DEL.                                          |
| DelTree <dirname>                        | Delete <dirname> all quiet                    |
| EdLin                                    | MEmacs (or Ed?)                               |
| Erase                                    | Delete <filename> force quiet                 |
| Expand <arcname> <destination><br>[patt] | LHA e,x <arcname> <destination/> [patt] *     |
| Exit                                     | EndCLI >NIL:                                  |
| FC                                       | DIF                                           |
| FDisk                                    | HDDToolBox                                    |
| FF                                       | Search #? #?[]#? all quiet quick file pattern |
| Find                                     | Search #? []                                  |
| Format                                   | Format DRIVE [] NAME [] FFS INTL NOICONS...   |
| Goto                                     | Skip <label> BACK                             |
| Install                                  | Resident                                      |
| KeyBuk                                   | {No implemented function}                     |
| Label <device> [name]                    | Relabel <device> <name>                       |
| Map                                      | MAP                                           |
| Md                                       | Makedir                                       |
| Mem                                      | Avail                                         |
| MKDir                                    | Makedir                                       |
| Mode                                     | Prefs:Preferences                             |
| Pause                                    | Ask "Press [RETURN] to continue.."            |
| PConsole                                 | Printmanager *                                |
| Print                                    | Printfiles -f                                 |
| QCd                                      | QCD                                           |
| Rd <dirname>                             | Delete <dirname> quiet                        |
| Rem                                      | ; (Remark!)                                   |
| Ren <oldname> <newname>                  | Rename <oldname> <newname> quiet              |
| Restore <filename> <drive>               | DMS write <filename> TO <drive>               |
| Rmdir                                    | Delete                                        |
| Set                                      | SetEnv                                        |
| SetVer                                   | Version                                       |
| Stacks                                   | Stack                                         |
| Time [time]                              | Date [[date][time]]                           |
| Ver                                      | Version                                       |
| Vol                                      | Which                                         |

```

VSafe          Virus_Checker n *
Win            LoadWB >NIL:      then      EndCLI >NIL:
XCopy          Copy CLONE NOREQ

```

Key

\* = Indicates that an extra program is required of that name for the instruction to work.

That's all folks!!

## 1.6 msdos\_distribution

Distribution

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So just who cannav it!!!?

Well, This package may be freely copied and distributed between users so long as:

- Any part of the program is NOT altered in ANY way
- No extreme profit is made for copying
(Makes the AMIGA the BEST comp'??)
- It is distributed as the original .lha archive package ONLY
- If you use it regular, send me a donation
- If you still use it after 3 months, register or delete it
- You MUST, if possible, E-mail me, to let me know you're using this :-)

- If you are a P.D. Library, and wish to place my utility on something, you WILL be able to, but PLEASE WRITE AND ASK ME FIRST- I might have a more recent version for you- and I'd like to know where it's going!!! Stop complaining, it's for YOUR own good - Isa 48:17 :)

(I've noticed ANCIENT versions of this floating around, please contact me, for any newer releases, etc)

So contact me!!! At THE ADDRESS Now!!

Hey Fred!! I love the compilation! You may include this, just notify me!!!

^----- Bit fishy! :) ><>\textdegree{}

1.7 msdos_future

Future

~~~~~

When I made MS-DOS for AmigaDOS, I simply grabbed the MS-DOS 6 User Guide and copied in all the commands from the index! So there may be some I have missed out! If you know of any suggestions, write to me.

See AUTHOR

## 1.8 msdos\_probs

Troubleshooting

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"I keep getting file not executable errors"

You did not preserve the file attributes. Delete everything and start over. Read the .readme file for this archive and use GuiArc or LHA -a x to extract it.

"Sounds great but I still don't know what I'm supposed to do"

I keep telling you! Install it, open a shell and try out the commands. To list all available commands type ListCommands and press ENTER. If you're a beginner, you won't be using the Shell so you'll have no use for this package.

"Does it support other filesystems and devices?"

Very. Anything the SHELL could previously access still can, but this time you'll find it easier to explore things using QCD etc.

"Err, what's QCD?"

QCD stands for Quick Change Directory. Implemented as part of the Norton Utilities on the PC, you now have it on your amiga. For example suppose you want to CD to:

This_Is_A_Very_Long_Directory_Name_(It_Probably_Wouldnt_Fit) (dir)

This could be accomplished by either entering:

"CD This_Is_A_Very_Long_Directory_Name_(It_Probably_Wouldnt_Fit)" & ENTER.

Or alternatively using MSDOS® For AmigaDOS®, (The PC method..)

"QCD This" & ENTER

Providing of course that there are no other directories beginning with "This".

QCD works by looking at the START of the directory name.

"When I restore or backup a disk to/from a file (respectively), it asks for the disk in df0: and not what I specified. WHY!!!"

Not my fault!!!!!! That's DMS's problem! Until he fixes that bug, you'll just have to use DF0:.

"Unix directory pipes don't work!"

 Perhaps you haven't installed DosWedge correctly. Check!

"I've got CrossDOS, but I still can't access A: & B: instead of PC0: etc"

Go to Workbench, open SYS:Devs/DOSDrivers.

Rename PC0 and PC1.. to A and B respectively.

DO NOT rename PC2 to C if you have it. Call it something else, otherwise it will conflict with your AmigaDOS® command directory.

HOWEVER!!! IT IS MUCH BETTER TO GET MFS, and leave "PC?" alone.

"When I enter HELP at the SHELL, it crashes nicely."

I didn't write "HELP", so naturally there's a bug!!!! (<< Hey is this guy big headed or what!?). Don't just type HELP by itself!!! You must tell it the command that you need help on, otherwise it crashes!!! If you need to know how to use it type HELP ? & press ENTER. Example: Help CD

*** If anyone thinks of any questions to add here, for me to answer, just write & register for a small donation, and I'll answer it!! ***

1.9 msdos_history

History

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```

v1.0    First idea, it was simply in my Shell-Startup!
v1.1    Modification, more commands.
v1.2    More commands, this time taken from the MSDOS6 User Guide.
v1.3    Separated from my Shell-Startup
v1.4    Modified the problem of it installing twice!
v1.5    Added REMOVE option
v1.6    Separate, new batch files for commands.
v1.7    DelTree etc, becoming Interactive! (Are u sure, etc?!)
v1.8    Optimization
v1.9    Made it display the DosVer upon startup!
v2.0    First Release
v2.1    Forgot to write the docs... done!!
v2.2    Wrote the Installer, to make Commodore happy!
v2.3    Tried & tested! Bug Found!! Fixed protection bits of MS-DOS
        executables! Copied HELP command! Gave the Installer a nice
        MagicWB icon! No longer uses PowerPacker.Library & There's a bit
        more on the Doc's side.
v2.4    Missed off the FORMAT command as described in HELP.Library- Fixed!
        Also included Yak and updated some Docs..
v2.5    Fixed REM command and added the use of A: and B: for devices such as
        AmigaDOS, Proffessional Format', DiskSpare and MS-DOS. Also included
        some UNIX commands. Reed the GuideFile!!!
v2.6    Added the MS-DOS options for DIR. Now has pretty ANSI output and
        /w (wide) /a (all) etc options. Updated docs SLIGHTLY.
        Fixed the bug with XCOPY giving a requester, especially with ARQ
  
```

---

installed. Now perfect! Well, almost :-)

v2.7 I was working on this slightly improved version, but I'm changing it vastly, well sort-of. See v3.0

v3.0 A few nice changes. You can now open an MS-DOS supporting Shell from Workbench, and I've upgraded the "Help" command to a newer version. Whoever the author is, ta. Now you don't need TWO programs to use UNIX dirs and \*, thanks to Yak, by Gaël Marziou and Philippe Bastiani. Ta!

v3.5 Ah... this is much less messy! No offence Gaël, but I got rid of Yak! (Besides... you should be using AddPower :-)

I have this time included "DosWedge", which is much much better! (Which means you can use \* instead of #?, AND use . & .. & \)

Also, the Install is theoretically more stable!

The wrong protection 'bits' bug has now been eliminated, and it sped up the whole running in the process. Yay! Tidied Docs!

v3.6 Removed silly Help & Help.library, which wasn't my creation anyway. Also updated so that Shell-Startup isn't modified, and made "MakeAssign" for DOS6 drawer. Made DosWedge completely separate, and dis-integrated the installers, you need to install separately now.

## 1.10 msdos\_author

The Author

~~~ ~~~~~

Bugs, reports, comments, suggestions!!!?

WELCOME!! Please send me ANY of the above stuff so I can write better software and gimme a few exciting challenges! NOT!

Other Authors

~~~~~

DirFool

Chris Lawrence

DosWedge

David Swasbrook

Donations of any description are more than WELCOME!!

Write E-Mail style to:

cmsdloma@livjm.ac.uk (Until 1999, not that man'kind' has that long)

Write Snail Mail style [ and send money... :-) ] to:

Dave Lomax  
461 Poulton Road,  
Wallasey,  
Merseyside,  
L44 5SE.  
England.

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WhoIzI?  :    Dave Lomax, proud Amiga owner!!!
WhereIzI?:    School of Computing and Mathematical Sciences,
              :    Liverpool John Moores University, Liverpool, UK.
Internet :    cmsdloma@livjm.ac.uk
IRC       :    #Amiga:DaveyBabe
WWW       :    http://www.cms.livjm.ac.uk/www/homepage/cmsdloma/index.htm
          :
          :    ///
          :    _ ///
          :    \X// AMIGA - There Can Be Only One  [at the top!]
-----
```

## 1.11 help

This is an AmigaGuide® Document. You should be using AmigaGuide or MultiView to view it. Simply click the buttons with the left mousebutton, and use the up/down cursor keys (or the right scrollbar + mouse) to scroll the pages up and down.

And anyway, if you don't know this by now, don't even think about MSDOS® For AmigaDos®!!

## 1.12 Index

This is just a basic Index. I am yet to write an index that gives help on individual commands. I might enhance it, (Donation permitting)

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