

# **DosWedge**

David Swasbrook

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<b>COLLABORATORS</b>
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	<i>TITLE :</i> DosWedge		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY	David Swasbrook	December 7, 2024	

<b>REVISION HISTORY</b>
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# Chapter 1

## DosWedge

### 1.1 DosWedge (18.03.95)

DosWedge : Documentation Contents

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Disclaimer	Legal information
Distribution	Distribution & Freeware information
Requirements	What you needed
Introduction	Introduction to DosWedge
Installation	How to install DosWedge
Usage	How to use DosWedge
Special Thanks	Thanks to these people
History	A very brief history of DosWedge

### 1.2 disclaimer

DosWedge/Disclaimer

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I hereby reject any liability or responsibility for these or any other consequences from the use of DosWedge whatsoever. This includes, but is not limited to, damage to your equipment, to your data, personal injuries, financial loss or any other kinds of side effects.

Although DosWedge has been tested thoroughly on several different machines, I cannot rule out the possibility that DosWedge:

- o is somehow incompatible to your equipment
- o has bugs that show up on your equipment
- o does not do what it is supposed to do on your equipment

It is your responsibility to take any precautions necessary to protect yourself from these or any other effects. I explicitly reject any liability or responsibility from the consequences of you using DosWedge.

Swaz.

### 1.3 Distribution information...

DosWedge/Distribution  
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DosWedge is FREEWARE. The program may be freely distributed and copied, as long as the following conditions are fulfilled:

- o The sales price must not be higher than the cost of an (empty) disk plus a nominal copying fee plus costs for shipping. The total price must not be higher than 5 US\$.
- o All parts of the program and the documentation must be complete. The distribution of single parts or incomplete subsets of the original distribution is NOT ALLOWED.
- o DosWedge or parts of it may not be sold in combination with or as part of commercial software.
- o Program and documentation may not be changed in any way.
- o Permission has been given for distribution through Aminet and Fred Fish.

Please contact the Author for further information.

### 1.4 Contacting the author...

DosWedge/Author  
=====

I can be contacted via the following media:

Postal: David Swasbrook,  
PO Box 54134,  
Bucklands Beach,  
Auckland,  
New Zealand.

Email: swaz@iconz.co.nz

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Internet Relay Chat: #amiga:Swaz

World Wide Web: <http://iconz.co.nz/~msd/swaz.html>

## 1.5 Whats needed to run DosWedge

DosWedge/Requirements  
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The following are required for DosWedge to run:

- o Kickstart V37 or higher
- o matrix.library version 23.2103 or higher
- o MultiuserFileSystem version 1.5 or higher

## 1.6 MultiUserFileSystem

DosWedge/MultiUserFileSystem  
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You've got an Amiga with Kickstart 2.04 or higher and several people are regularly fooling around with it ... Last week your sister deleted your 20MB JPEG collection by mistake and you don't want this to happen again ...

Well, here's the answer: MultiUser!

MultiUser allows you to create a \*IX-like environment where several users live together in harmony, unable to delete each others files, unable to read those private love-letters of other users ... And this even if several users are working on the machine at the same time (on a terminal hooked up to the serial port) ...

You are the sole user of your computer? Well, make sure it stays that way by installing MultiUser! People without a valid login ID and password won't be able to access files you have made private with MultiUser. If you make all files private (not readable for others), the only useful thing they could do, is boot from a floppy ...

And ... you do not have to reformat your hard drive!

## 1.7 Matrix Library

DosWedge/matrix.library  
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- o Yet another library to put in your LIBS: drawer.
- o Matrix.library provides general purpose routines which are commonly used through out my programs. Some of the key features are the GUI, preferences, and IFF routines.
- o The name "matrix" came from "The Matrix" - The computer system used by the TimeLords (Re: Dr Who).
- o Please contact me if you'd like programming documentation.

## 1.8 introduction

DosWedge/Introduction  
=====

## 1.9 installation

DosWedge/Installation  
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Double click on the "install" icon.

DosWedge will be installed in the SYS:WBStartup or SYS:Startup drawer.

## 1.10 How to use DosWedge

DosWedge/Usage  
=====

When DosWedge is enabled several functions in dos.library are patched to give AmigaDOS a more Unix like structure. Filenames and paths will have the following changes applied to them:

- .       The current directory.  
Eg. "./filename" -> "filename"  
      "dir/./filename" -> "dir/filename"
- ..      The parent directory.  
Eg. "../filename" -> "/filename"  
      "dir/../filename" -> "filename"
- ~       Home directory. This is will be expanded in one of three ways  
in the following order:
  - o If the environment variable HOME is set then this will be used.



- o If the assign HOME: is valid this will be used.
- o Failing the above two methods and provided that MultiuserFileSystem is installed it will be expanded out to the users home directory.

~name This is the home diretory of the specified user. You require MultiuserFileSystem to use this feature.

/dev This can be evaluated to dev: if you set SLASHDEV to YES in the ToolTypes .

DosWedge has a few configuration options through ToolTypes so you may wish to configure these to your needs.

Also with pattern matching filenames \* is mapped to #? so you can do things like "copy \* ram:filename". This will not copy files under normal AmigaDOS - it copies from StdIo. But running DosWedge it will copy all the files into the specified direcorey.  
Eg: "copy \* ram:dirname".

## 1.11 Tool Types

DosWedge/Tool Types  
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DosWedge accepts the following tool types:

### CX\_POPKEY

The hotkey to open the DosWedge interface. Currently there is no interface so this has no effect.  
Default = None .

### CX\_POPUP

Display the DosWedge interface when it is run? Currently there is no interface so this has no effect.  
Default = No .

### CX\_PRI

Priority in the commodities queue.  
Default = 0 .

### WILDSTAR

Enable \* wilddcard pattern matching?  
Default = Yes .

### SLASHDEV

Evaluate "/dev" as "dev:".  
Eg. "/dev/filename" -> "dev:filename".  
Default = No .

### ROOTDIR

Evaluate "/dev" as "path/dev". To enable this feature you must specify SLASHDEV=Yes (see above).

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Eg. "/dev/filename" -> "Sys:dev/filename".  
Default = Sys: .
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## 1.12 List of contributors

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DosWedge/Contributors  
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Thanks to the following for ideas and support:

```
Daryl Jay  
Frank Petzold  
James Marsh  
Klaus Alexander Seistrup  
Martin Ervius  
Mike Latinovich
```

## 1.13 history

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DosWedge/History Information  
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- '2.13' o Aminet Release
  - '2.12' o Sometimes when opening a new file using ~ and .. etc. would open the file without parsing the name first.
    - o When using "/dev" can equate this to "path/dev" where the root path is specified at startup.
  - '2.10' o Fixed bug in Parsing NULL strings.
    - o Aminet release
  - '2.9' o Recoded the parsing routine.
    - o Quicker parsing of filenames.
    - o Fixed to work better with AmiTCP.
    - o Removed a debug routine
    - o Aminet release
  - '2.7' o Patched into StartNotify, EndNotify and AddPart.
    - o Now only requires V37 intuition.library not V39 :)
    - o Aminet release
  - '2.6' o Fixed parse bug with "/" occuring after a ":". Would evaluate "spam:/spam" as "spam:spam".
    - o Also fixed bug of parsing // incorrectly.
  - '2.3' o When checking for HOME: will disable requestors
    - o Increased buffersize, now can process patterns properly.
  - '2.2' o Aminet release
  - '2.1' o Bug fixed which would evaluate "~/ " to "~/..".
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- o Fixed problem with null termination of `"/dev/"`.
  - o Previous versions incorrectly reported requirement of V37 even under V37.
- `2.0' o Rewritten in C
- o Added environment variable parsing
  - o Better home directory dropback if `$HOME` or `HOME:` not valid will try `MultiUser`.
  - o Aminet release.
- `1.1' o Added patches for `MatchNext()`.
- `1.0' o Initial aminet release.

## 1.14 Index...

DosWedge : Documentation Index  
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Author	Contacting the author
Configuration	Configuring DosWedge
Distribution	Distribution rights
Disclaimer	Legal information
Email and WWW Addresses	Contact addresses for Author
Freeware	Freeware status
Installation	How to install DosWedge
Introduction	Introduction to DosWedge
History	A very brief history of DosWedge
Matrix Library	Yet another library
MultiuserFileSystem	MultiUserFileSystem support
Requirements	Whats needed
Special Thanks	Thanks to these people
ToolTypes	Configuring DosWedge
Usage	How to use DosWedge