

**01108730-0**

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**COLLABORATORS**

	<i>TITLE :</i> 01108730-0		
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# Chapter 1

## 01108730-0

### 1.1 File Finder

File Finder

Release Version 1.05 2nd Feb 1995

written by Mark Melton

email u9326383@radon.sys.uea.ac.uk (until July 96)

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### 1.2 Copyright

Copyright

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#### Disclaimer

This program is provided as is, and no liability is accepted for any damage caused to you, your machine, or for that matter anything else. Hey if using this program causes WW3 don't blame me OK.

## 1.3 Introduction

### Introduction

This program is used for finding things, still you probably worked that out from the name ;-). I wrote it mainly because I have access to several Amigas (TM), with rather large hard-drive's. I found there was a need to quickly find the location of files on the machines as many of them have files stored in different ways. There was also the article in the Amiga Shopper magazine on a file finding utility. I modified their code a bit and added substantial amounts, and came up with this program.

### Current features in version 1.1

Find any file on a disk, using standard AmigaDos(TM) file matching patterns.

Fully implemented as a commodity, with hotkey etc.

Limit search size parameters, only files in a certain size range are checked.

+ a few bug fixes ;->

## 1.4 Requirements

### Requirements for File Finder.

It is essential that you have at least kickstart & Workbench 2.04.

Other than that there are no further restrictions, well apart from having an amiga :-).

The program has been written on an A1200 with 50Mhz GVP A1230-II. It has been tested using enforcer and causes no enforcer hits so it should be OK on all amigas.

Tested on plain A1200, A4000/040, A4000/030/ and an A3000. I would be grateful for people to confirm its operation on other machines, e.g. A500+, A2000, etc.

## 1.5 Usage

### Usage

This program was designed with one goal in mind, to be simple to use. It is for this reason that the standard "look" of the workbench has been used. The program has three main interface area's. The file list at the top (initially blank), the search parameter control's, contained within the "raised" box, and the program control functions at the bottom. A screen shot of this is included and can be viewed by pressing this button in WB3.0 or above, or by using the display in the utilities drawer.

Firstly the Search parameter gadgets will be described.

The status gadget informs the user of the current status of the program. It is not selectable by this user.

The Path gadget, keyboard shortcut P, is used to specify the drive or directory in which to look for the file. Limiting the search to a particular directory saves time by reducing the number of files which have to be searched. e.g.

DH0:

This would search all of DH0:, whereas

DH0:Utilities/

would only search the directory dh0:utilities.

The Pattern gadget, keyboard shortcut T, is used to specify the file for which to search. Standard AmigaDOS file patterns are accepted, to save you digging out your AmigaDOS manual, if you even have one, here are the pattern's

? Matches any single character.

#<p> Matches zero or more occurrences of <p>.

<p1>|<p2> Matches if either <p1> or <p2> matches.

-<p> Matches everything but <p>.

(<p1><p2>...) Groups items together.

% Matches the null string.

[<p>-<p>] Determines a character range.

Now unless you've used AmigaDOS extensively, that lot will be about as clear as mud. So here's the english translation.

A?B Matches any three letter word beginning in A and ending in B. Such as AcB, AzB, ABB, etc.

A#BC Matches any name beginning in A and ending in C, with any number of B's in between. Such as ABC, ABBC, ABBBC, etc.

ABC#? Matches any name beginning ABC. Such as ABCD, ABCPIC.info, etc.

#?XYZ Matches any name ending XYZ. Such as MARK\_XYZ, PICXYZ, etc.

ABC#?XYZ Matches any name beginning ABC and ending XYZ. Such as ABCXYZ, ABCMARKXYZ, etc.

A(B|C)D Matches ABD or ACD.

~(XYZ) Matches anything but XYZ.

~(#?.info) Matches anything not ending in .info.

A#(BC) Matches any name beginning with A followed by any number of BC's. Such as ABC, ABCBC, ABCBCBC, etc.

A(B|D|%)C Matches any name starting with A ending with C with B, D or nothing in between. Such as ABC, ADC or AC.

[A-D]#? Matches any name beginning with A, B, C or D.

The Size button, keyboard shortcut S, opens the Search Size limit window containing three gadgets. They are the info gadget, which is a small reminder of what to do. The Max Size gadget, keyboard shortcut M, where the maximum file size to include in the search is put, and the Min Size gadget, keyboard shortcut S, where the minimum file size to include in the search is put. The search size limit window does not have to be closed after use and can be left open. To ignore a maximum file size limit enter a value of 0. e.g.

Max size = 0 Min size = 1000

would only look for files over 1000 bytes (1Kb) in size.

Max size = 10000 Min size = 5000

would only look for files over 5000 bytes (5Kb) long but under 10000 bytes (10 Kb).

The List Gadget.

This is where the list of files that match the search parameters will appear. If the list gadget is clicked on, details of the file selected, will appear in the info window. This provides details such as the creation date of the file, its name, the pat

to the file and its size. The info window can be left open when selecting other files, there details will replace those already in the info window. Program control gadgets.

Quit, keyboard shortcut Q, exits the program immediately. Warning, you will not be asked to confirm a quit request.

Find, keyboard shortcut F, commences the search with the current search parameters.

Abort, keyboard shortcut A, aborts the current search operation. This will stop the search at the point it had reached when the abort button was pressed. Search operations must be allowed to complete or aborted before any other commands can be used, such as Quit.

Print, keyboard shortcut R, print's the current contents of the list to the current prefs printer.

## 1.6 Installation

### Installation

This couldn't possibly be easier. Simply drag the File Finder icon to wherever you want it to be put. I would recommend either your utilities drawer, tools drawer or preferably your WBStartup drawer.

The documentation consists of the AmigaGuide format doc, and a plain text file. Also there is also a picture of the interface this should ideally be kept in the same place as the amigaguide doc.

New to version 1.05.

### TOOLTYPES

(See page 10-23 of the WorkBench 3.0 manual.)

CX\_HOTKEY="ctrl F" or any other combination you want. This key combination will cause the program to popup its GUI(Graphical user interface) if it is currently "Hidden".

Use the tooltype DONOTWAIT if you run the program from the WBStartup drawer.

The CX\_POPUP tooltype determines if the program opens its GUI on startup.

## 1.7 Problems

### Problems

Well, there are no known problems with this program.

If you discover any problems with this program send me the details, such as what the problem is, what sort of machine you use machine, you KS and WB version numbers and an address where you can be contacted.

## 1.8 Future plans

### Future plans

Firstly to implement the date limit (nearly done), and type limit features.

You never know, some shareware subscriptions might encourage me to get these features implemented :->

Also I would welcome any suggestions for improvements or new features.

### Contacts

## 1.9 Acknowledgements

### Acknowledgements

Thanks go to the Amiga Shopper magazine in the UK for providing the inspiration for this program. This program is loosely based on a program that they ran as a C programming tutorial, but has had considerable enhancements, and extra features added.

## 1.10 Suggestions/Registration

Firstly I can be contacted by Email or snail mail.

Email (Bugs, suggestions only)

u9326383@radon.sys.uea.ac.uk

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I will have access to this account until at least summer 1996.

Snail mail( registration requests, bugs, sugestions)

Mr M D Melton,

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North Hykeham,

Lincoln,

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LN6 9PN

Registration

What benifits will registration bring you, well appart from making you only very slightly poorer, it wi ll brin g my eternal gratitude, and the very latest version of this program. What do I ask for this program, which has been written in my spare time w hile studying for my degree, as a possible method of suplementing my income :->

Full registration £15, yes thats all, just 15 GB pounds, 40 DM or \$25.

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