TUSE

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COLLABORATORS

	TITLE : TUSE		
ACTION	*NAME*	*DATE*	*SIGNATURE*
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REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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TUSE

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                          TUSE (The Ultimate Search Engine) V1.3

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1.2 TUSE: Introduction

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                          ---Introduction---

  What The Hell Is This????

      Fed up with forgetting where a file is on your HD? want to quickly find
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files in a Volume or Directory, and save them to another drawer or Ram: ??
Want to find a certain type of file in a Volume or Directory, ie. find all
JPEG's in Work:Projects , etc..?? Well, i was fed up with the AmigaDOS
Search command, and most search utils i tried were lame, so i wrote TUSE!!

   TUSE searches for files from a given path, and can search by Name, Size,
Date, and File Types. When it finds matches it can automatically save them
to a specified path. Whilst searching, it can display: all the files it has
scanned so far, all the dirs it has scanned so far, just display matches as
they are found, or display nothing at all (only really useful when
autosaving, for speed).

   Its reliable, its very quick, what more do you want?? > Put it in Your
WBStartup NOW!!!!

1.3 TUSE: Requirements

                           ---Requirements---

*An Amiga.
*Workbench 3.0+

   I would seriously hope that you meet the first Requirement. Well... and
the second really, by now.......... :)

1.4 TUSE: Usage

                              ---Usage---

   According to the TUSE gadget, TUSE can be run from 3 different ways. The
TUSE gadget can have the values: EXE, APPMENU, and APPICON. When EXE is set,
TUSE can be run by double-clicking on the TUSE Icon. When the TUSE Window is
closed, it quits. When APPMENU is set (which it is by default), when double-
clicked, TUSE will put itself as an App into the Tools menu of your Workbench.
To call up the TUSE main window simply select TUSE from the Tools menu.
When APPICON is set, TUSE, when double-clicked, will put itself on your WB, as
an AppIcon. Simply click on the AppIcon to run TUSE, or drag a Volume or Dir
icon onto the TUSE APPIcon, and TUSE will automatically fill in the Search
Path for you!

TUSE HOTKEY when iconfied or in Tools Menu is: "LAlt LShift T"

I suppose that TUSE could also be out as an executable into your C: drawer so
it can be called from the CLI by just typing TUSE.

NOTE: The default value for the TUSE gadget is TUSE: APPMENU, because TUSE
can then be put into your WBStartup drawer, and so TUSE will make itself
available quickly from the Tools menu whenever you use your Workbench.

To use TUSE, just run TUSE, by the preffered method, of those given above, and
main window will appear. As i said, the program is meant to be put in your
WBStartup drawer so that when your Workbench boots, TUSE will already be in
your Tools menu. If you click on the TUSE window's Close gadget, the window
will be closed, but TUSE will remain in your Tools menu. To remove TUSE totally,
click on the Quit button, in the TUSE Window.

   Ok, now what all the Gadgets do...

 * Search Path: Specify here where you want to search. Either type the
path into the string gadget, or click on the button at the end, to use a
FileRequester. Multiple searches can be done by seperating Search paths with a
"|" symbol.... eg. to search the volume Cool: AND Work: AND Sys: you would
enter "Cool:|Work:|Sys:"

 * Searchby: Choose what you are going to search by, ie. NAME, SIZE, DATE, or
TYPE:

NAME: Searches for the name entered into the String Gadget. If the "Exact"
checkbox is enabled, TUSE will only find files that match the filename precisely,
although it is NOT case-sensitive (because AmigaDOS isn't case sensitive). If the
"Exact" checkbox is NOT enabled, then it will find any files that have the given
search string in their filenames. TUSE can also use wildcards with the standard
"#?" or "*".

SIZE: Searches for files by their size in BYTES. If the "Exact" checkbox is
enabled, TUSE will only find files that are of the precise size given. If the
"Exact" checkbox is NOT enabled, it will find any files whose size is plus or
minus 12% of the given Size in Bytes.

DATE: Searches for files by the most recent date of alteration. Note that the
format is : dd/mm/yyyy. The "Exact" checkbox has no effect on this search.

TYPE: This will search for any files of the specified type. Recognised types are:
IFF, ILBM, ANIM, JPEG, GIF, PNG, 8SVX, WAV, AU, MED, SFCD, LHA, LZX, DMS, GUIDE.

NOTE: This type of search can take a LOT longer than the other searches! So don't
trying scanning your whole 2Gb HD for GIFS or whatever... try to narrow it down a
to certain directories.
Again, the "Exact" checkbox does not have any effect on this search.

* Save Files: If enabled, any files found by TUSE, will be copied to the
given path in Save Path:. The button at the end of the Save Path: string
gadget can be clicked to use a File Requester to get the Path.

* Display: This controls what TUSE shows when searching. TUSE opens a
CON: window for this display, so i recommend getting KingCON, as it's much nicer
than the normal CON:

 Possible values for Display are:

NONE: This will not even open an output CON window at all! This option is only
really useful when you are quickly searching and autosaving files, and do not
need to know where the files where actually found.

MATCHES: This is probably the best option for Display, as it only shows files
that are matches to your search query, as they are found. Because it doesn't
have to output lots of text, the search is quite quick with this option.

DIRS: Will output the directory that is currently being scanned. This can slow
down the search, but if you insist on knowing where TUSE is looking, then use
this option rather than the ALL option. As the ALL option is by far the slowest
search...

ALL: Will display EVERY file and directory as TUSE scans it. I do not use this
option very much as it slows down the search alot, and is not really necessary.
But for completeness it is here.

* Action: This tells TUSE what to do when it finds any matches. Options
are:

CONTINUE: When a match is found, TUSE will continue the search for any more
matches in the search path, and stops only when the entire path has been searched.

REQUEST: Will halt TUSE when a match is found, and ask whether to continue the
search, or stop the search.

STOP: This will stop the search once the first match has been located.

* Output To: Changes where TUSE will send it's output...

CON: Sends output to a CON: window.

PRINTER: Sends output to your printer.

FILE: Creates a text file in "Ram:" called "TUSEResults.txt".

* TUSE: This effects how TUSE executes when run.

APPMENU: When TUSE is called (by double-click, or if in WBStartup), it
        puts itself in the TOOLS menu on WB.

APPICON: When TUSE is called, TUSE will put it's Icon as an AppIcon on,
        WB. Tuse can be used by clicking on this AppIcon, or by dragging

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        an icon (either a Volume or Directory icon) onto the AppIcon.

EXE:    TUSE will bring up it's main window straight away...



* Search: Unleash TUSE to found your files with speed.......



* Save Prefs: Will save the status of all the gadgets, and paths,
     to the TUSE tooltypes. Therefore I seriously do not recommend messing
     with the TUSE tooltypes or icon too much.



* Quit: Close down the window, and remove TUSE from the Tools menu.
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1.5 TUSE: Future

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                         ---Future of TUSE---

   I may add more even search options, and extend the amount of file TYPES that
TUSE can recognise. Of course if anyone reports a bug, i'll fix that, and if
anyone has any suggestions as to improvements, then i'll take them into
consideration.


contact me at:

e-mail Darklight at: jaw@joecool.co.uk
Jigsaw Design: http://www.rhbnc.ac.uk/~zhap081
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1.6 TUSE: Known bugs

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                        ---Known Bugs---

   Hopefully NONE!!!  but if you find a bug contact me at the locations below,
and i'll fix it!!! Any worthwhile improvements you can offer i'll also be
interested in knowing....... thanks,

Darklight

e-mail: jaw@joecool.co.uk
Jigsaw Design: http://www.rhbnc.ac.uk/~zhap081
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1.7 Jigsaw Design

                         ---Jigsaw Design---

        This is a Jigsaw Design development. Mail Darklight if you like this program
to give us an idea of how used it is...

     Anyway, just visit our Web Page at:

        http://www.rhbnc.ac.uk/~zhap081/
        jaw@joecool.co.uk

                         ---Jigsaw Design---