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Chapter 1

in

1.1 SimpleFind Documentation

SimpeFind 2.2 Amigaguide

Note that the author's native language is German, so please forgive bad spelling, grammar mistakes and so on (I know that there are many). Or better still - correct them and contact me.

Also please note that this guide is designed for use with version 40 of the amigaguide.datatype which is supplied with AmigaOS 3.1. Under other versions this guide may look absolutely terrible.

General:

Copyright Copyright and disclamer Introduction What does it do ? Requirements What does it need ? Installation How to install and remove?

Using:

Shell Start When starting from Shell Workbench Start When starting from Workbench User Interface Menu and Windows Preferences The preferences programm ARexx Port The ARexx Interface

Other information:

Bugs Are there any ? Future What is coming next ? History What has been done ? Guide History What has changed in this guide? Author Where to send bug reports ? Thanks Who has helped me?

1.2 Copyright and disclamer

Copyright

(c) Copyright 1997,1998 Sebastian Bauer

SimpleFind is Freeware. You can give it to anybody you want as long as all the files are complete and in unchanged form. You are not allowed to make any profit with it. If SimpleFind is published on a CD (e.g. a cover cd of an Amiga Magazine) I would be pleased to get the cd for free.

Standard Disclamer

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDER AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

1.3 Introduction

Introdution

SimpleFind is a Search-Tool for your Amiga. It scans a selected directory for a entered pattern and shows the matched files. You can copy, delete, rename or view the matched files.

Features - allows searching by name and comments (AmigaOS-Patterns), size, date - Indexfiles for faster searching - allows to copy, delete, view and rename - configurable Buttons and PopupMenu - easy to use GadTools-GUI - shell support - simple ARexx Port - and much more

I know that there are some good tools there, but the some of them use MUI and other have no GUI. I want to have one which has an easy to use GUI and which doesn't need MUI. (This doesn't means that I'm against MUI. MUI is very powerful and simplifies the development of excellent programs, for example without MUI some good WWW-Browser wouldn't exist).

Another reason was that I want to test my programming knowledge (this is my first 'real' program).

1.4 Requirements

Requirements

SimpleFind needs at least Kickstart 3.0. It should work with a MC68000 processor but this is not recommended.

For using batch files it is also necessary that 'Execute' is located in the 'C' directory. But that should be no probem, I think.

SimpleFind also supports some packers (LZX, LHa), so if you want to use them they must be installed (But I think at least LHa should be installed on every Amiga).

If available SimpleFind will also use following libraries, too:

popupmenu.library

This library is ©1998 by Henrik Isaksson. SimpleFind needs this for the Popup-Menus.

It is avaiable from Aminet, too: util/libs/pmuser.lha

wbstart.library

This library is ©1997 by Stefan Becker. You need this library when you want to start programms like wb programms.

Of course it is available from Aminet: util/libs/wbstart.lha

Note that SimpleFind doesn't need these libraries to run. They only provide some additional features.

1.5 Installation of SimpleFind

How to install SimpleFind

To install SimpleFind simply copy the whole drawer to a destination you require.

It is not recommended to copy the Prefs Programm into the SYS:Prefs diretory or another drawer since this will cause some problems.

How to remove SimpleFind

If you decide to remove SimpleFind (but why??, if you miss a feature please contact me) you should delete the whole drawer where the SimpleFind programm is located.

1.6 Shell Template

Shell Template

SimpleFind has a standart AmigaOS template which looks like this:

DIR/M, PAT=PATTERN/K, COM=COMMENT/K, MINSIZE/N/K, MAXSIZE/N/K, WITHIN/K, BETWEEN/K, PROTBIT-S/K, DATATYPE/K, CONTENTS/K, GUIMODE/K, CASE/S,EXACT=EXACTPAT/S, EXACTCOM/S, NOSIZE/S, NODATES/S, LFORMAT/K, CI=CREATEINDEX/S, UPI=UPDATEINDEX/S, UI=USEINDEX/S, DI=DELETEINDEX/S, AI=AVAILABLEINDEX ALL=ALLINDEXES/S, ALLMOUNTEDVOLS/S, AUTOUPDATE/S, ID=INDEXDIR/K, IN=INDEXNAME/K, PREFSFILE/K, PREFSPRG/K

DIR/M This defines the directories where to start searching.

PAT=PATTERN/K The search-pattern. (AmigaOS-Style)

COMMENT/K The comment-pattern. (AmigaOS-Style)

MINSIZE/N The minimum size (in 1024 Bytes}

MAXSIZE/N The maximum size (in 1024 Bytes}

WITHIN/K Here you specify how long ago a file would have been created. The format is divided in two parts. The first part is an integer and the second part one of the following keywords:

MINUTE(S) HOUR(S) DAY(S) MONTH(S)

for example: WITHIN=5days

BETWEEN/K

The file should have been created between the specified time. The format is "Start-End". The format of the date depends on your selected locale.

PROTBITS/K

Define the protection bits the file should have. SimpleFind supports the r, w, e, d, h, s, p, a bit. Using a minus '-' before the bit means that the bit is cleared. Bits that don't appear are ignored.

DATATYPE/K

Defines the Datatype Group of the file. To indicate which datatype group the file should belong to SimpleFind needs one of the standard datatypes.library strings. Note that this depends on your selected locale! In the english locale these are: System, Text, Document, Sound, Instrument, Music, Picture, Animation, Movie. You also must have the correct datatypes installed.

CONTENTS/K

With help of this option you can scan completly throuh the file to search for special strings. The lines where the string is found are completly written to the shell window.

GUIMODE/K Lets you control the GUI Mode of SimpleFind. Following keywords can be used:

NOGUI .... shell mode (default) SHOWGUI ...... opens gui QUICKSTART ... opens Main Window and start searching FASTERSTART .. start searching without opening the Main Window

for example: GUIMODE=QUICKSTART

CASE/S SimpleFind takes care of the case of the filenames.

EXACT=EXACTPAT/S SimpleFind doesn't add a #? at the beginning and at the end of the pattern.

EXACTCOM/S SimpleFind doesn't add a #? at the beginning and at the end of the comment-pattern.

NODATES/S Don't show the files' dates.

NOSIZE/S Don't show the files' sizes.

LFORMAT/K Defines the output-format of SimpleFind.

%b .... The protection bits of the file %c .... The comment of the file %d .... The last changed date of the found file %t .... The last changed time of the file %f, %p ... The path of the file (with '/') %n .... The filename %l .... The size (in Bytes) of the file %w .... The path of the file (without '/')

To reserve some spaces just add positive integer after '%' for right justification and a negative integer for left justification. A Point '.' between '%' and the integer means that the followed integer is the limit of the string Defaults to "%-25n %8l %b %d %t %w"

CI=CREATEINDEX/S SimpleFind creates an Indexfile for the given directory.

UPI=UPDATEINDEX/S SimpleFind updates an Indexfile. When the Indexfile doesn't exist it creates a new one.

UI=USEINDEX/S SimpleFind uses the Indexfile if it is available.

DI=DELETEINDEX/S SimpleFind deletes the Indexfile.

AI=AVAILABLEINDEXES/S SimpleFind shows available Indexfiles in the IndexDir.

ALL=ALLINDEXES/S When you specify this, SimpleFind searches through all availabe Indexfiles. The DIR/M option is ignored. If you specify the UPDATEINDEX/S option SimpleFind will update all availabe Indexfiles.

ALLMOUNTEDVOLS/S SimpleFind searches throw all mounted volumes if they are available. The DIR/M option is ignored, too.

AUTOUPDATE/S When you specify this, SimpleFind will update indexfiles automatically as necessary before it starts the search.

ID=INDEXDIR/K Specifies the directory where to put the Indexfiles in. Default to PROGDIR:IndexFiles

IN=INDEXNAME/K This is only necessary when you don't want that SimpleFind handles its Indexfiles automatically. Here you can specify the filename for using a Indexfile.

PREFSFILE/K The name and path of the prefs file, which will be load when SimpleFind opens its GUI. (Default PROGDIR:SimpleFind.p

PREFSPRG/K Programm which is started when you select the "Edit Prefs..." entry of the Settings Menu. Note that "PROGDIR:" doesn't work here. (Default SimpleFindPrefs)

1.7   Starting from Workbench

Workbench Start

SimpleFind can be started from Workbench by double clicking on the left mouse button over SimpleFind's icon.

SimpleFind also supports mutiselecting, so if you first click on SimpleFind's Icon and then shiftclick on a Partion or Drawer it will use these in the Search Path.

Tool Types

Currently there are six ToolTypes

PREFSFILE

Here you can specify the path and the name of prefs file which is created when you select SaveSettings in the menu.

(Default PROGDIR:SimpleFind.prefs)

PREFSPRG

The full Path of the Prefs Programm, which is called when you choose Edit Prefs from the Settings Menu of SimpleFind. Note that "PROGDIR:" doesn't work here.

(Default SimpleFindPrefs)

NOPOPUPMENU

SimpleFind won't use the popupmenu.library although it is installed.

IMAGE

Path to an image which is displayed in the Main Window

IMAGEPOS

Position of the image. Can be LEFT or RIGHT.

(Defaults to RIGHT)

IMAGEMODE

How the image is displayed.

0 means the height of displayed image is maxmimal as big as the height of the search options group.

1 means the image is displayed always completly.

(Defaults to 0)

1.8 The User Interface

The User Interface

SimpleFind's user interface mainly consists of three windows. Every window has the same Menu.

If you start SimpleFind in a normal way it, first opens the Main Window. In this window you have the full control over SimpleFind's search capabilities and here you start the Search Process.

When you press the "Start Search" in the bottom of the window the Result Window appears. It shows the matched files as soon as the Search Process is ready. Then you can manipiulate selected files (for example you can copy, rename or delete them). The buttons you see in the window can be configured via the prefs programm.

There is also the Indexmanager Window where you can create, delete or update Indexfiles. It appears after you have selected the "Indexfile/Index Manager..." entry from the Menu

Windows: Main Window Control Searching Result Window Shows matched files IndexManager Window Manage your Indexfiles

1.9 SimpleFind's menu

Menu

SimpleFinds menu is reachable in nearly every window. With help of the menu you can control important functions of SimpleFind.

SimpleFind provide following menu names:

Project Information Indexfiles Manipulate Indexfiles Settings Alter settings of SimpleFind

1.10 Menu: Project

Project Menu

The project menu consists of two items:

About... About SimpleFind

Quit Quits SimpleFind

1.11 Menu: Indexfiles

Indexfiles Menu

Here you can maniuplate the indexfiles. Following items are available:

Indexmanager... Opens the Indexmanager

Create Indexfile... Creates an Indexfile

Recreate all Indexfiles Recreates all Indexfiles Update all Indexfiles Updates all available Indexfiles Delete all Indexfiles... Delete all available Indexfiles

1.12 Menu: Settings

Settings Menu

Here you can alter SimpleFind's settings:

Case sensitive? Search (in)case sensitive Exact pattern? Use an exact pattern? Exact comment? Use an exact comment pattern? Use Indexfiles? Use indexfiles for faster searching? Auto-Update Indexfiles? Update indexfiles automatically? Quick Start? Search after a pattern has entered? Keep all search options? Save all searchoptions?

Sort by » Sort the results Visible search options » Which search options are visible? Contents options » Some options for the contents search

Edit Prefs... Edit SimpleFind's preferences

Save settings Save SimpleFind's settings

1.13 Menuitem: About

About Menuitem

Shows information about the copyright, the author (hey, that's me :-)) and the language creator.

1.14 Menuitem: Quit

Quit Menuitem

Quits SimpleFind without notifing the user.

1.15 Menuitem: Indexmanager

Indexmanager Menuitem

Opens the Indexmanager window

1.16 Menuitem: Create Indexfile

Create Indexfile Menuitem

Here you can create a new Indexfile for a specified directory. When this indexfile already exists a requester is shown where you can select between create, update or

1.17 Menuitem: Recreate all Indexfiles

Recreate all Indexfiles Menuitem

Recreate the indexfiles completly new

1.18 Menuitem: Update all Indexfiles

Update all Indexfiles Menuitem

Update all available Indexfiles

1.19   Menuitem: Delete all Indexfiles

Delete all Indexfiles Menuitem

Delete all available Indexfiles.

1.20   Menuitem: Case sensitive?

Case sensitive Menuitem

If this option is checked, SimpleFind takes care of the case of the filenames.

1.21   Menuitem: Exact Pattern?

Exact Pattern Menuitem

If it is checked, SimpleFind doesn't add a '#?' at the left and right sides of the pattern.

1.22   Menuitem: Exact Comment?

Exact Comment Menuitem

If checked SimpleFind won't add a '#?' at the left and right side of the comment pattern.

1.23   Menuitem: Use Indexfiles?

Use Indexfiles Menuitem

Only if this option in checked SimpleFind will use Indexfiles, if available.

1.24   Menuitem: Auto-Update Indexfiles?

Auto-Update Indexfiles Menuitem

If checked, the Indexfile can be updated automatically (see Indexmanager).

1.25   Menuitem: Quick Start?

Quick Start Menuitem

If checked SimpleFind will start the searching after entering the pattern (and pressing return)

1.26   Menuitem: Keep all search options?

Keep all search options Menuitem

If checked SimpleFind will save all search options when selecting Save Settings.

1.27 Submenu: Sort

Sort Submenu

You can choose between following sort modes:

No Sorting Complete Filename Filename Comment Date (the latest first) Size (the smallest first)

1.28 Submenu: Visible Search Option

Visible Search Option Submenu

Here you can select, which search option should appear in the Main Window.

1.29 Submenu: Contents Options

Contents Options Submenu

Here you can change some option which influence the contents search:

Case Sensitive - SimpleFind takes care of the case of the contents Force String Mode - SimpleFind won't handle AmigaOS patterns

1.30 Menuitem: Edit Prefs

Edit Prefs Menuitem

Starts the external Prefs Editor as defined in the Tool Types

1.31 Menuitem: Save Settings

Save Settings Menuitem

Save the settings you have made.

1.32 Main Window

Main Window

The Main Window is shown shortly after the start. With help of this window you can specify the criteria of a search process.

You can find following gadgets or gadgetgroups here.

The 'Search options' group

The options of this group are needed in every search process. Following options are available: Search Path Specify the path of the search process Pattern The pattern of the wanted files

The 'Advanced options' group

The options of this group are not necessary for a search process thus they can be activated or deactivated or even complely removed via the Settings/Visible Search options menu entry. Following advanced options are available: Comment Search for comments Min Size Minimal size of a file Max Size Maximal size of a file Within last The file has been created since a special date Between Between two time points Prot. Bits Search for Protection Bits Datatype Search for a datatype Contents Search for a string in a file

Between the both groups you will find the Max. Directory option.

When you are finished with the search option you press the Start Search... button.

1.33   Main Window: Search Path

Search Path

Path where SimpleFind start its search. You can enter this path by keyboard or by clicking the button («) to the right of the string gadget which brings up a filerequester. Multiple paths are separated by '|'. Clicking on 'All' defines a multiple path for all available Indexfiles when Use Indexfiles? is selected. Otherwise it defines a multiple path for all mounted Volumes. The path(s) you entered here are saved when you select Save Settings, too. You can also bring up the filerequester when pressing the Shift Key and the underscored letter of the Gadgettext (in english version Shift + 'E') or simply 'd'.

1.34   Main Window: Pattern

Pattern

Standard AmigaOS Pattern. Click onto the button next to this gadget and you will see the list of often used patterns. See Prefs/Search Options how to change this.

1.35   Main Window: Comment

Comment

Activate this, to search for file comments. AmigaOS Patterns are supported.

1.36   Main Window: Min Size

Min Size

When the Checkbox is checked you can specify the minimum size. The size unit can be choosen via the cycle gadget.

1.37   Main Window: Max Size

Max Size(kb)

When the Checkbox is checked you can specify the maximum size. The size unit can be choosen via the cycle gadget.

1.38   Main Window: Within last

Within last

Here you can specify how many minutes/hours/days/month ago (maximal) a file was created/changed.

1.39   Main Window: Between

Between

Here you can specify between which time points the file was created/changed.

1.40   Main Window: Protection Bits

Protection Bits

The protection bits of the file. Following bits are supported: r, w, e, d, h, s, p, a. A minus '-' means not setted, otherwise setted. Bits which don't apear are ignored. By pressing onto the button a new window will be opened, where you can choose the bits with the help of the mouse.

1.41   Main Window: Datatype

Datatype

The file should belong to his datatype group. Click on the button to show all possible groups. Note, that it uses the datatypes.library, so be sure, to have the correct datatype installed.

1.42   Main Window: Contents

Contents

Scans through the whole file, to search for the string you have specified. Note, to search for e.g. #? directly the Contents Settings/Force string mode? entry must be activated. The result can be shown in a seperate window of the Resultwindow, by clicking on the entry.

1.43   Main Window: Max. Directory

Max. Directory

Defines the maximal deep of directories which should be scanned by SimpleFind.

1.44   Main Window: Start Search

Start Search

This will start the search process. The results are shown in the Result Window. While searching breaking is possible with 'Esc' or clicking on the Result's Closegadget.

1.45   Result Window

Result Window

Here you see a listview which shows the found files after a search process. Simply select a file by clicking on its name. If you enter a new name in the string gadget the file will be renamed as such.

Below this gadget you will find a further string gadget. Here you can enter an AmigaOS-Pattern which also defines the pattern of the viewed files. With help of this gadget you can reject files without starting a new search process.

The buttons that you will find are configurable (see the Preferences/Buttons section)

If wanted there is also a popup menu available which is free configurable, too (see the Preferences/Popup Menu section). The menu is shown if you press the right mouse button over the listview.

If you use the default preferences you will find following buttons:

Information Information Requester of the Workbench Copy Copy selected files Delete Delete selected files Show Show selected files Archive Archive selected files Unpack Unpack selected files

1.46 Indexmanager Window

IndexManager Window

In this window you can manage your Indexfiles. This means you can create new indexfiles and update or delete old ones.

Available indexfiles are shown in the Listview Gadget. You will find following other gadgets in this window: Create... Create an new Indexfile Update Update the Indexfile Delete Delete the Indexfile

The next gadgets allow to use the automatically updating of the Indexfiles: Update indexfile auto. Autoupdate the Indexfile? After After a specified time Sizediff. bigger than If the size difference is bigger than And/Or Cycle Should both or only one true?

1.47 Indexmanager Window: Available Indexfiles Listview

Available Indexfiles Listview

The listview shows the available indexfiles. You will see for which partion (or drawer) an indexfile has been created and when it was last updaten. To select an entry click on the left mouse button over the entry or use the cursor keys. Performing a double click over an entry or pressing enter will change the Search Path in the Main Window.

1.48 Indexmanager Window: Create Indexfile

Create

Press this button to create an new indexfile. In the filerequester you choose the wanted drawer or partion.

1.49 Indexmanager Window: Update Indexfile

Update

Press this button to update the selected indexfile.

1.50 Indexmanager Window: Delete Indexfile

Delete

Press this button to delete the selected indexfile.

1.51 Indexmanager Window: Update Indexfile automatically

Update indexfile automatically

Activate this if the selected indexfile should be updated automatically after a given time period or a given size difference.

The automatic Indexfile-Updating is started when you begin a new Search Process or open the Indexmanager window again. Additionally you have to activate the Autoupdate-Indexfile menu entry.

1.52 Indexmanager Window: After

After

Defines after how many months/days/hours/minutes an indexfile should be updated.

1.53   Indexmanager Window: Sizediff. bigger than

Sizediff. bigger than

The indexfile is updated if the size difference between the new size of the partion and the size of the Indexfile is bigger than your given size. The size unit can be choosen via the cycle gadget.

1.54   Indexmanager Window: And/Or Cycle

And/Or Cycle

Defines if only one condition must be true (or) or both (and) to autoupdate an indexfile.

1.55   The Preferences Programm

The Preferences Programm

Via the Prefernces Programm you can configure important things of SimpleFind to your own needs.

The Prefs Programm itself has only one window.

On the bottom of the window there are two gadgets: Save and Cancel. With Save you can save the actual settings so SimpleFind will use them. Cancel won't save the settings. Both gadgets will quit SimpleFindPrefs.

On the top you will see a cycle gadget. With help of this gadget you can switch through several pages which are showed in the big part in the middle of the window. You an also change the actual showed page by pressing the space bar.

Pages:

General Settings Useful things Buttons Configure the buttons in the Result Window Popup Menu Configure the popupmenus Output Format Let you confiure the Output format Copy Options Some useful Copy Options Search Options Change search mode

The prefs programm can be started both from Workbench and from Shell. It supports some ToolTypes and has a shell template.

Configure via:

Tool Types When starting from Workbenh Shell Template Shell Start

1.56   Preferences Page: General Settings

General Settings

Indexfile Directory

The directory where all Indexfiles are saved.

Viewer Command

Your prefered Viewer of every DataType. This programm is called if you perform a doubleclick over a file in the Result Window or if you press a button which is related with a SHOW command (for example the Show button in the default configuration)

Unpack Directory

The directory where to unpack archives.

Archiver

The archiver that is used to pack files.

1.57   Preferences Page: Buttons

Buttons

Here you can configure the buttons that are shown in the Result Window. The page consits of one listview, two string gadgets, one cycle gadget and several buttons.

In the listview you see all the names of currently available buttons. Every entry represent a button except a line which is a seperator between button groups. In the Result Window you see different groups in different lines.

Below the the listview there is a string gadget where you can change the name of the button which is selected. In the name, the letter behind the underscore '_' represent the short cut of the button.

Below this button there is another string gadget. Depending on the command type which can be choosen via the cycle gadget next to the string gadget, the contents have different meanings. But except the Intern Command Type all strings will be interpreted as filenames. A filerequester appers when you click on the '«' button next to the gadget in this case. If the Intern Command Type is selected a chooser window appears where you can easy select a command.

Except these gadgets there are following buttons in this page:

Top

This will move the element to the top of the list.

Up

The buttons is moved up.

Down

The buttons is moved down.

Bottom

This will move the element to the bottom of the list.

New Group

Adds a new seperator of a group.

New

Adds a new button.

Remove

Removes the selected buttom.

Edit

Let edit the selected file in case that the commandtype is one of Batch or ARexx.

1.58   Preferences Page: Popup Menu

Popup Menu

This page is the simliar to the Buttons Page, but instead of creating buttons you can create popup menu entries. Also groups actually doesn't exists, but you can create seperators.

The popup menu is shown if you press the right mouse button over the Result Window and if the popupmenu.library has been opened.

1.59   Preferences Page: Output Format

Output Format

With help of this page, you can easily change the output format of the files which are shown in the Result Window.

At first you will see a listview which shows all available Output elements. If you select one of them you can change the position, the justfiation (via the cycle gadget) and if it should be activated or not.

Top

This will move the element to the top of the list.

Up

The element is moved up.

Down

The element is moved dowm.

Bottom

This will move the element to the bottom of the list.

Activate

Activate the selected element so that it is showed in the ResultWindow.

Deactivate

Deactivate the selected element so that it isn't showed in the ResultWindow.

Show Headline

If activated SimpleFind shows a Headline in the ResultWindow .

1.60   Preferences Page: Copy Options

Copy Options

Here you can alter some option which influence the copying of a file or more files.

Hold Directory Structure

Activate this if you want to have that if you selected more than one files in different direcrories the directory structure isn't loosed.

Imagine you selected two files. The first is located in SYS:C and the second in SYS:Libs and you want to copy them into RAM:

If activated SimpleFind would copy the one file in RAM:C and the other in RAM:Libs.

If it is not activated all files would come into RAM: without any subdirectories.

Check for enough free space

Activate this if SimpleFind should calculate the needed space of the selected files. If the destination could not hold all the files (not enough free space) a requester appears.

However this function currently only works correct if the first and the third option isn't activated.

Copy icon automatically

If you has activated this option, SimpleFind will also copy an Icon of a file if available.

1.61   Preferences Page: Search Options

Search Options

Here you can alter some option which influence the search progress and its options.

Asycron

If you activate this checkbox SimpleFind's Search Process is asyncron.

Stop Window

SimpleFind show a window which constits of a Stop Button and a Progress Bar while searching.

Below you find a listview where you can add frequently used patterns. In SimpleFind you can select these patterns by clicking on the button next to the pattern string gadget. A new pattern entry is created with the help of the New Button. The pattern itself can be modified in the string gadget next to that button. Like everywhere you can resort the entries with the Top, Up, Down and Bottom buttons or remove them with help of the Remove

1.62   Preferences: Tool Types

Tool Types

The Preferences Programm can be configured via three Tool Types.

PREFSFILE

The name of the default prefs file. This prefs file is used when pressing the Save Button.

(Default PROGDIR:SimpleFind.prefs)

TEXTEDITOR

The Texteditor is called when you press the Edit button on the Buttons page.

NOPOPUPMENU

SimpleFindPrefs won't use the popupmenu.library although it is installed.

1.63   Preferences: Shell Template

Shell Template

SimpleFindPrefs can be started from Shell. Its Shell-Template looks like this

PREFSFILE,TEXTEDITOR,NOPOPUPMENU/S,READTTYPES/S

PREFSFILE

The name of the default prefs file. This prefs file is used when pressing the Save Button.

(Default PROGDIR:SimpleFind.prefs)

TEXTEDITOR

The Texteditor is called when you press the Edit button on the Buttons page.

NOPOPUPMENU

SimpleFindPrefs won't use the popupmenu.library although it is installed

READTTYPES

SimpleFindPrefs will read the tooltypes of its icon, if available.

1.64   SimpleFind's ARexx Port

ARexx Port

SimpleFind supports a simple ARexx Port. With the ARexx Port you can use SimpleFind's search capabilities in other programms, too.

The port name is called SIMPLEFIND.1. Note that SimpleFind actually only support one port. That means only the first process can be reached via ARexx.

SimpleFind provides following ARexx Commands:

ADDNOTIFYPORT Add a notify port DONTSHOWRESULTS Forbid opening of the Result Window GETENTRYNEXT Get actual entry GETFIRSTSELENTRYPOS Get pos. of first selected entry GETMAXENTRIES Get maximal number GETMAX-FULLPATHLEN Get longest length of a path GETSELENTRIES Get number of selected entries GETSELENTRYNEXT Get actual entry REMOVENOTIFYPORT Remove a notify port SETENTRYPOS Set the entry cursor SHOWRESULTS Allow opening of the Result Window QUIT Quit SimpleFind

An Example how to use the ARexx Port is simplefind_dopus.rexx . It let SimpleFind show the Results in a DOpus Lister, instead of using the Result Window. However, because of a problem in DOpus it doesn't work perfectly (see Bugs)

There are also some simpler examples: saveentries.rexx Saves all actual Resultentries in a file saveselentries.rexx Saves all selected Resultentries in a file

1.65   ARexx Command: ADDNOTIFYPORT

Template ADDNOTIFYPORT PORTNAME

Describtion Adds a port to the SimpleFind's internal list of Notifty Ports. When no more messages are requiered you should use the REMOVENOTIFYPORT command.

Arguments PORTNAME - the name of the port which should be added

1.66   ARexx Command: DONTSHOWRESULTS

Template SHOWRESULTS

Describtion Forbids SimpleFind to show its results in the Result Window.

1.67   ARexx Command: GETENTRYNEXT

Template GETENTRYNEXT

Describtion Get the information of the entry which is under the entry cursor and moves the cursor to the next entry. The information is stored in following ARexx Variable:s entry.comment - the comment of the file entry.name - the fullpath of the file entry.seconds - the time of the file since 1st January 1998 in seconds entry.size - the size of the file in bytes entry.prot - the protection bits of the file

1.68   ARexx Command: GETFIRSTSELENTRYPOS

Template GETFIRSTSELENTRYPOS

Describtion Stores the number of the the first selcted entry in the RESULT variable.

1.69   ARexx Command: GETMAXENTRIES

Template GETMAXENTRIES

Describtion Stores the number of found files in the RESULT variable.

1.70   ARexx Command: GETMAXFULLPATHLEN

Template GETMAXENTRIES

Describtion Stores the length of the longest path in the RESULT variable.

1.71   ARexx Command: GETSELENTRIES

Template GETSELENTRIES

Describtion Stores the number of selected entries in the RESULT variable

1.72   ARexx Command: GETSELENTRYNEXT

Template GETSELENTRYNEXT

Describtion Get the information of the entry which is under the entry cursor and moves the cursor to the next selected entry. The information is stored in following ARexx Variable:s entry.comment - the comment of the file entry.name - the fullpath of the file entry.seconds - the time of the file since 1st January 1998 in seconds entry.size - the size of the file in bytes entry.prot - the protection bits of the file

1.73   ARexx Command: REMOVENOTIFYPORT

Template REMOVENOTIFYPORT PORTNAME

Describtion Removes a port to the SimpleFind's internal list of Notifty Ports.

Arguments PORTNAME - the name of the port which should be removed

1.74   ARexx Command: SETENTRYPOS

Template SETENTRYPOS CURSORPOS/N

Describtion Sets the internal entry cursor to a specified position.

Arguments CURSORPOS/N: the new position of the cursor (beginning from 0)

1.75   ARexx Command: SHOWRESULTS

Template SHOWRESULTS

Describtion Allows SimpleFind to show its results in the Result Window. This is on by default.

1.76   ARexx Command: QUIT

Template QUIT

Describtion Quits SimpleFind. After calling this command the SimpleFind ARexx Port is no longer valid.

1.77   ARexx: Notify Port

Notify Ports A notify port is used to recieve several messages from SimpleFind. To tell SimpleFind where to send a message use the ADDNOTIFYPORT command.

But at first the port must be created. In an ARexx Script ports can be created via a openport(portname) call available in the rexxsupport.library.

Once SimpleFind knows about a port it will send several messages to the port. Like in every program you should wait until such a message (in ARexx they are known as packets) arrives. This can be done with help of the waitpkt(portname) call (in rexxsupport.library). After that you should get the packet via getpkt(portname). The packet must be saved in a variable. If it is a valid packet you should then read the command type which SimpleFind has sent. For this you can use getarg(packet,0) and save the result in a variable. If you got the command type you should send as fast as possible the message via replypkt(packet) back to SimpleFind. If you don't do so the SimpleFind cannot react of other ARexx commands and user actions. Because you have saved the command type before, you are now able to check which command was sent. Actually there exitst three commands:

'begin searching' - sent when user want to start searching 'ready' - sent when the search process is completed. If you recieved this message you can check for the found files 'quit' - sent when the user quits SimpleFind. After that message the SimpleFind ARexx Port is invalid, so you can't use longer SimpleFind ARexx Commands

An Example how to use the such a port is simplefind_dopus.rexx .

1.78   Future

Future

I plan to add following features:

- better Amiga Guide Online Help - compiling everything with SAS/C++ and bringing the Prefs Programm into a shared library - more ARexx Commands - a seperate shell version ? - a better guide and fewer mistakes - maybe an installer script - any other suggentions if I think they are good (for example I will not add a racing game or a function plotter ;-))

The first point has the highest priority (and of course your suggestions)

But what I don't want to add is to support filetypes directly, because you can use this already indirectly. Simply choose a filetype-identification tool as SimpleFind's Viewer. I think there are lots of them in Aminet and it works well for me.

1.79   Known Bugs

Problem 1

Some people reported again some problems in Indexfile-Updating.

My Explanation

Indexfile Updating still not perefect :-(

Another reason is that the OS doesn't update the files date when changing only the comment.

Solution

In case the reason are the file comments I cannot fix it :-(

Otherwise you would help me a lot if you could send me the updated (corrupt) and original Indexfile. But please only Lha or LZx packed and not so big ones (the e-Mail shouldn't be bigger than 250KB).

Problem 2

In conjunction with DOpus (WB replacement) the Information Button doesn't work. (reported by Manfred Ambros)

My Explanation

The Workbench function SimpleFind calls needs a previously loaded Workbench. When you choose DOpus as a WB-Replacement the original Workbench isn't loaded and so the call fails.

Solution

Using a InfoRequester Patcher should solve the problem.

I also I heard that newer versions (at least sin version 5.66) have an option to solve that problem.

Problem 3

When using the ARexx Script for DOpus the found files can't be copied from a lister to another.

My Explanation

DOpus doesn't handle Fullpath names correctly

Solution

No. If somebody have a solution, contact me.

1.80 History

History

And now the very long history of SimpleFind:

Version 1.0 (06.04.97) - first Aminet release

Version 1.1 (21.04.97) - Oops, SimpleFind frees its memory twice. This is fixed now (I hope) - Now can use Indexfiles to speed up searching

Version 1.2 (22.06.97) - Some bugs in "Update Indexfile" fixed (still not perfect) - Nicer GUI - Shell Support

Version 1.3 (30.06.97) - More shell commands (suggested by Jørn Ove Nilsen) - Some internal changes

Version 1.4 (09.07.97) - Added LFORMAT CLI-Option - New CLI standart output format - Added a possiblity to search through all indexfiles (suggested by Jørn Ove Nilsen) - Added break possibility in the GUI part with 'Esc'

Version 1.5 (21.07.97) - Added possibility to search for comments (suggested by Robert Taje) - Now the Outputformat of the Resultwindow is configurable - Sorting is possible now by filename, date, size, comments and complete filename - added View Pattern for filenames in the Resultwindow - Changed function of the 'All' Button a little bit and added ALLMOUNTEDVOLS/S CLI-Option Now it is easier to search throw all mounted Volumes (suggested by Rick Adams)

Version 1.6 (11.08.97) - Now uses AsyncIO-Routines by Magnus Holmgren (writing) - enabled mutilple selecting in Resultwindow - added support of LZx and LHa - added Information, Archive, Unpack buttons - included french catalog by Alexander Lärz - included norwegian catalog by Eirik Bogsnes

Version 1.7 (15.09.97) - added IndexManager - automatic Indexfileupdating (suggested by Mario Kuban) - several bugs fixed (reported by Manfred Ambros, Bahman Moallem, Andre Lehmann) - new CLI Options WITHIN/K,PREFSFILE/K,AUTOUPDATE/S - replaced GUI/S with GUIMODE/K - the Main Window is an Appliation Window - several other enhancements (suggested by many people) - included german guide by Andre Lehmann

Version 1.8 (11.10.97) - fixed two heavy Indexfile-Updating bugs (reported by Andre Lehmann and Robert Taje) - fixed several other bugs (reported by Andre Lehmann and Manfred Ambros) - added quick search start within the gui (suggested by Bahman Moallem) - possibility to save all search options (suggested by Andre Lehmann)

Version 2.0 (26.11.97) - finally added a prefs editor - finally configurable buttons - included finish catalog by Timo Kaikumaa - smaller improvements

Version 2.1 (25.01.98) - no longer needs installed locale.library Patch - added possibility to show a Headline in the ResultWindow - fixed some guide mistakes (thanks to Steve Baker) - configurable PopUpMenus - improved copy routine - if no string gadget is activated TAB will activate the first one (suggested by Bahman Moallem) - some (small) speed ups - added simple ARexx Port (encouraged by Timo Kaikumaa)

Version 2.2 (28.04.98) - added some search options (Between, Protection Bits, Contents, Datatype) (mainly suggested by Jürgen Urbanek, Nils Görs and Robert Taje) - added Max. Directories (suggested by Nils Görs) - you can configure the main window a little bit - added asyncron searching - added a stop window which consits of a stop button and a progress bar (wanted by many people) - very simple online help - now includes german guide by Jürgen Urbanek - pattern list (suggested by Jürgen Urbanek) - added "MOVE" as an internal command (suggested by Robert Taje) - added some ARexx commands and two new scripts - support the great ctrequest.library by Bahman Moallem - and of course other smaller changings

1.81   Guide History

Guide History

Here you will find the history of this guide.

Version 2.2 - added this section - changed nearly everything ;-)

1.82   How can you reach me ?

Author

This is the twelveth release of SimpleFind. But there may still be many bugs! If you find some bugs (also in this guide) or have suggestions to improve SimpleFind, you should contact me.

You should also contact me if you want to create a new language catalogue for SimpleFind. Then I will send you the files that you need when writing a catalog (via E-Mail only). Currently there are following language catalogues with exception of English and German):

Norwegian by Eirik Bogsnes French by Alexander Lärz Finnish by Timo Kaikumaa

The included german guide was created by Jürgen Urbanek.

Very great thanks goes to the authors.

Very much thanks also goes to all the people who have supported SimpleFind and who helped me to make this version better than the last, by sending suggestions, bug reports and solutions.

I would be pleased, if you could send me a really good Icon for SimpleFind. (I know my one is ugly but I'm a doc, aeh program(m)er not an artist...)

Also feel free to send me harddisks, gfxcards, disks, CDs or money ;-)

**** HELP ****

I currently really search a graphics card for my Amiga2000. If you want to sell yours (maybe you have two or you want to buy a better one) contact me. I would be very happy if there is someone because my budget currently too small to buy a new one :(I hope that it is OK to mention this here.

Address: Sebastian Bauer Neustädter Str. 45 07768 Kahla Germany

You can also contact me via E-Mail (if you have installed YAM, click onto the button)

sebauer@t-online.de

I have a homepage in the WWW, too. It is currently in german only and in a very early state. But you will find the latest version of SimpleFind and also other projects for Amiga there.

http://home.t-online.de/home/sebauer/

1.83   Who have helped me

Thanks

I want to thank following people who helped me with SimpleFind. Without these people SimpleFind wouldn't be that what it is now.

Alexander Lärz - for the français language catalogue and for being a good friend

Andre Lehmann - for the german guide until version 1.8, bug reports and suggestions (Andre, wo bleibst du denn? Ich hoffe du meldest dich wiedermal bei mir)

Andreas Meyer - for mailing me

Bahman Moallem - for suggestions and bug reports

Christoph Bubel - for beta testing

Eirik Bogsnes - for the norwegian language catalogue

Jürgen Urbanek - for suggestions, the SimpleFind pictures, the german guide and beta testing

Jørn Ove Nilsen - for the first e-Mail I ever got and suggestions

Manfred Ambros - for sending suggestions and bug reports

Mario Kuban - for his mail

Nils Görs - for his suggenstions and beta testing

Michael Kuban - for his mail

Odd H. Sandvik - for his mail

Robert 'AMON' Falk - for the good bug report

Robert Taje - for sending me suggestions, being a good beta tester and a little bit small talk ;-)

Steve Baker - for correcting mistakes in this guide (Sorry I can't mail you, I always get my mails back)

Roland Bengtsson - for his suggestions and for sending me examples of multitasking

Timo Kaikumaa - for bug reports, the finnish language catalogs and for his help with the ARexx Port

Thomas Newsom - for mailing me

These people helped me directly to improve SimpleFind. Of course there also some other peoples I'd like to thank. Without these peoples SimpleFind would have same less features or simply wouldn't exist ;-)

Jay Miner and the other Amiga creators - for creating the best computer of the world

The Amiga OS Development Group - for the fantastic operation system

Gateway 2000 - for buying the Amiga and bringing the Amiga back for the future. We all counts on you

Henrik Isaksson - for his popupmenu.library

Stefan Becker - for his wbstart.library

Thomas Baust - for his HunkShort programm, which I use to reduce the size of SimpleFind at least a little bit.

I'd also like to thank all the peoples in the world who support my favourite computer, the Amiga.

I hope that I didn't forgot somebody, otherwise mail me

1.84 The Search Process

Search Process

The search process is the scanning part of SimpleFind. In this part SimpleFind scans through all the specified directories (and their subdirectories) directly on a Media or via Indexfiles.

If it find a file which matches the given search criteriers it is saved into an internal buffer. As soon as SimpleFind finished all the subdirectories it shows all matched files in the Result Window. This is how it works in the syncron mode. However if you select the asycron mode (see Prefs/Search options you will see the result as soon as it has been found. You also can copy, delete, move and rename the found files while SimpleFind searches further. Note: The asyncron mode actually doesn't work with indexfiles! SimpleFind will switch in that case automatically to the syncron search mode.

In case of SimpleFind is started from Shell there is of course no Result Window, so it shows the matched files in the Shell Window where it has been started from.

1.85 Indexfile

Indexfile

Indexfiles are files which are located on your HD in a special directory called Indexfile Directory. Of course they can be created via SimpleFind and they hold all important information about your Partion's structure. For example they hold the filename, size, date, comment and directory of every file.

With the help of these IndexFiles you can speed up a search process dramatically, because SimpleFind can access the important information much faster than reading the information directly from the media (HD, Floppy Disc,...)

The disadventage is that they aren't actual. That means if you create an Indexfile of a partion and then copy a new file onto this partion the new file won't appear if you search from Indexfile.

To solve that problem (at least a little bit) the indexfiles can be updated manualy or automatically via the IndexManager.

1.86 Command Types

Command Types

SimpleFind understand different command types. They are used to configure the buttons and to tell SimpleFind how the command should be handled. A command is executed when you press a button in the {"Result Window" link RESULTWND}.

Following command types are possible:

1. Intern - the command is one of the internal commands of SimpleFind 2. CLI - the command is handled like a cli/shell programm 3. WB - the command is handled like a programm started from WB (see Requierements) 4. Batch - the command is handle like a batch file (see Requierements) 5. ARexx - the command is handles like an ARexx script

1.87 Internal Commands

Internal Commands

The Internal Commands supports the most important functions of a file manager. Most of these commands affect the selected files.

SimpleFind knows about following internal commands:

ARCHIVE Archive all selected files COPY Copy all selected files MOVE Move selected files to another directory DELETE Delete all selected files SHOW Show all selected files INFO Show the Information about all selected files UNPACK Unpack the selected archive

ALL Select all entries CLEAR Deselect all entries INVERT Inverts the selected/unselected entries

1.88 Internal Command: Archive

Archive

Archives all files which are selected in the Result Window. You can choose the archive name via an asl-requester. For Archiving SimpleFind uses the archiver defined in the Preferences. Also see Requirements.

1.89 Internal Command: Copy

Copy

Here you can copy the seleted files. It brings up an asl-requester where you can choose a destination directory

1.90 Internal Command: Move

Move

Moves the selected files to a destination direcory.

1.91 Internal Command: Delete

Delete

This will delete the selected files from disk, after a second confirmation requester.

1.92 Internal Command: Show

Show

When you click this button the selected files will be shown via the defined viewer.

1.93 Inernal Command: Info

Info

Shows the Information Requester known from the Workbench.

1.94 Internal Command: Unpack

Unpack

Unpacks all selected files (if they are archived with an supported archiver, see Requierements) to a selected destination directory.

1.95 Internal Command: All

All

Select all entries.

1.96 Internal Command: Clear

Clear

Deselect all entries.

1.97 Internal Command: Invert

Invert

Inverts the selected/unselected entries.