

Introduction

searchmonkey is a GTK2 application designed to replace the find/grep command line tools.

The aim of this utility is to provide fast, slick text search ability to the GTK community.

The User Interface

This section describes every button, window, table and what it shows or does.

The Main-Menu

Always available at the top of app.

File Menu Names	Description
New	Starts a brand new search (losing previous search history).
Open Criteria	Opens a previously saved search criteria.
Close	Close a child criteria window, but not the main application.
Save Criteria	Saves a search criteria (excluding the results).
Save Criteria As	As Save Criteria, but brings up a save as dialog.
Save Results	Saves the results to a custom XML file. Only available when search complete.
Print	Print the search results in a well formatted way.
Print Preview	Brings up a display of what would have been printed.
Print Setup	Brings up the system's printer setup dialog.
Edit Menu	Description
Word Wrap	When selected, allow the results text to wrap instead of keeping to strict line length.
Set Font	Brings up a font dialog to adjust the results window base font.
Set Color	Brings up a color selection dialog to adjust the highlight colour for the matches.
Clear History	Remove search history from drop down criteria.
Select All	Selects all file name matches in the left results pane.
Delete	Deletes the selected file name(s) forever (once confirmed).
Copy	Copies the selected file name(s) to clipboard.
View Menu	Description
Toolbar	If selected, the tool bar is shown.
Status Bar	If selected, the status bar is shown.
Sort by	Within sub-menu, choose sort criteria e.g. file name, file size, modified date.
Search Menu	Description
Start	Starts the search.
Stop	Stops the search. Enabled when search is running.

One phase searching Configuration	Allows content matches to be displayed immediately, instead of waiting for a Brings up application configuration dialog.
Test Menu	Description
Reg. Expression	Allows a regular expression to be entered, along with sample text as a way
Window Menu	Description
SearchXX	Allows quick switching between open search criteria/results windows.
Help Menu	Description
User Guide	Brings up this web address from your default browser
Support	Brings up the searchMonkey support page from Sourceforge
About	Brings up a dialog showing version number, license, and author's email.

The Toolbar

Can be hidden from the main-menu (*view->toolbar*).

Field name	Description
New	Starts a brand new search (losing previous search history).
Open	Opens a previously saved search criteria.
Save	Saves a search criteria (excluding the results).
Save Results	Saves the results to a custom XML file. Only available when search completed.
Play	Start the search.
Stop	Stop the search. Only available when search in progress.
Print	Print the search results in a well formatted way.
Forums	Starts a new browser instance to searchMonkey Forums .

The Advanced Search Tab

Displayed when [Expert User](#) is enabled.

Field name	Description
File Name	Type a new regular expression for file name searching.
Containing Text	Type a new regular expression for (text-only) contents searching. Disable the
Expr. Wizard	Brings up a regular expression builder dialog. Makes typing ne
Look In	Type a new starting location for search. Disable recurse directories with che
Open/Multi	Brings up a folder search dialog. Multi allows multiple folders to be selected
More/Less Than	Type a file size (in KBytes) to narrow searches to files less-than and/or more
More/Less Than	Type a date expression (e.g. dd/mm/yyyy or dd mmm yyyy) to narrow search

The Options Tab

Available at all times from the main screen.

Field name	Description
Specifies Not Expression	Inverts the search i.e. find Not by this shows Not to regular expression.
Match case	When disabled allows case insensitive searching of file names and/or contents.
Regular Expression	When selected allows regular expressions to be used.
DOS Expression	When selected allows file names to be found using DOS/Glob style patterns.
Open/Multi	Brings up a folder search dialog. Multi allows multiple folders to be selected.
More/Less Than	Type a file size (in KBytes) to narrow searches to files less-than and/or more-than.
More/Less Than	Type a date expression (e.g. dd/mm/yyyy or dd mmm yyyy) to narrow searches.

File Name Results

This pane is only filled when matches are found.

Left clicking on a match will bring up content matches (displayed in the [Context Results](#) pane, if any), and right-clicking the row will bring up a sub-menu.

Right-click menu	Description
Open	Opens the file name in your preferred text editor. See configuration.
Copy	Copies the full file name into the clipboard.
Delete	Deletes the selected file forever, once confirmed.
Explore	Opens your preferred file browser that contains the selected file.

Context Results

This pane is only filled when text matches are found, and a result has been selected.

The line that matches the search expression will be shown in full, and the actual match text will be highlighted. Once text has been selected with the left-button, the right button will allow copy options, or select-all to be performed on the text. These allow text to be copied from the results window, and pasted elsewhere.

Advanced File Name and/or Contents Searching

To find files, using [regular expressions](#) can be achieved by filling out the **File Name** and **Look In**

boxes. The starting file name can be typed, copied or selected by using the

Open

dialog. To search a single folder, uncheck the

Search Subfolders

box.

If you want to find a specific regular expression within a text file, then fill out the **Containing Text** box with a [regular expression](#)

. Note: significantly less files are shown when

Containing Text

is added because binary files are skipped.

For a more specific search, add in [min/max file size](#) , and the [after/before modified date](#) (if known).

Once ready, press **Play** to start the search process.

Results (if any) immediately start appearing in the [File name results table](#) , and once complete the total number of matches is shown in the [status bar](#)

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Status Bar

Describes what is currently going on.

- Phase 1 searching is the gathering of files that match the filename, size and modified date criteria.
- Phase 2 searching is the internal checking of text files to match the search strings.
- Upon completion, the number of hits is displayed, along with whether this was an inverse filename search [inv] or [cancelled] by the user

Tips and Tricks

This section gives examples of some cool things to do with searchMonkey.

Regular Expressions

Some examples of regular expressions are given here:

Regular Expression	Description
<code>(\.[ch])\$</code>	<i>Finds all of the C source code, plus headers.</i>
<code>^(make)</code>	<i>Finds every make file instance</i>
<code>^(void function_name)(;)\$</code>	<i>Finds a function declaration, as opposed to the definition</i>
<code>\([a-zA-Z0-9\s] \)</code>	<i>Highlights all text within brackets</i>