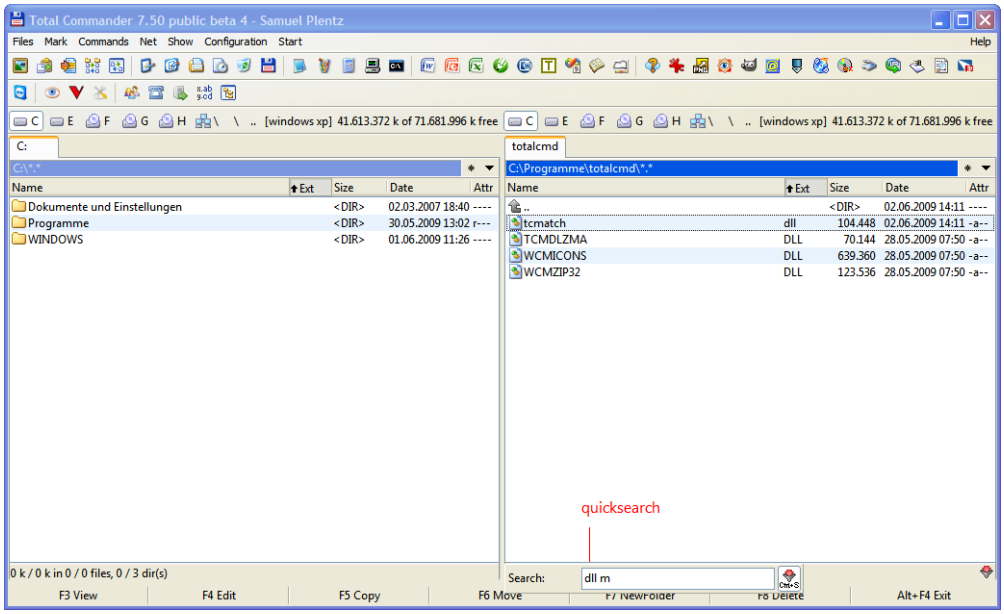
Google like Quicksearch for Total Commander 7.5

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1. Installation

- You need Total Commander 7.5 public beta 6 or higher installed
- Download the archive: "Google like Quicksearch.zip"
- Install it automatically by pressing return on the archive from within Total Commander and choose "yes" to install. To manually install it, just extract the archive to the folder of Total Commander.
- To activate the new search you will need to restart Total Commander.
- In Total Commander you need to choose "Configuration" > "Quick Search" > "Letters - with search dialog".
- Press Ctrl+S or type some words to activate "Google like Quicksearch".



How it should look and behave like after install

2. Features

The main feature is that the search string is divided in substrings at each space. A file matches the search string if all substrings are found in it. If the search string is divided in substrings by vertical separators "|", only one substring must be found in the file to match the search string. You should use "allow_empty_result=1" in "tcmatch.ini" when you want to use vertical separators.

Simple search:

Search for:	"cat dog"
Find:	A dog and a cat moved to china.txt
	CaTs and dOgs.avi
	bulldog catalysator.doc
Search for:	"cat music|dog fun"
Find:	Musical cats.pdf
	funny Dog.avi

RegEx search:

Search for:	"?exe _\d"
Find:	tcmd_75b4.exe
	AutoHotkey_104800_Install.exe
	IZArc_4b1.exe

Similarity search: (using Levenshtein Distance)

Search for:	"<color my"
Find:	colourful.bmp
	my favorite Color.jpg
Search for:	"<2lefenstein"
Find:	Levenshtein.cpp

By default "Simple search" doesn't need activation. Just write some words and it will work. To use an "RegEx search" write an "?" before the RegEx expressions. To use the "Similarity search" write an "<" before the words. You can specify the number of differences per word by typing a number after it like: "<2syncronise".

PinYin support:

Search for:	"ext sz zgrand"
Find:	中国randomtext 神舟.bmp

There is full PinYin support for “Simple search” and “Similarity search”. This means the Chinese char is equivalent to one of its English PinYin chars. In the “RegEx search” every substring is also searched as an English PinYin string, but it’s not supported to combine RegEx and PinYin in one substring. If your system language is Chinese PinYin should be activated on first launch, otherwise it has to be activated in “tcmatch.ini” for slightly performance reasons.

Presets:

```
Save Preset:  ".pdf|.doc|.ppt|.xls|.txt>a"
Restore it:     ">a"
```

To add a search string to the presets just append a “>[c]” where “[c]” is any character you like. Later you just need to search for “>[c]” to activate the preset.

3. Customizing

On first usage the “Google like Quicksearch” creates “tcmatch.ini” in the same folder “wincmd.ini” is located. There you can customize it:

```
[general]
simple_search_activate_char=
regex_search_activate_char=?
leven_search_activate_char=<
preset_activate_char=>
and_separator_char=" "
or_separator_char=|

case_sensitive=0
allow_empty_result=0
filter_files_and_folders=3
match_beginning=0
use_pinyin=0

[wdx]
wdx_text_plugin1=Description@C:\...\wdx\FileDesc\FileDesc.wdx
wdx_text_plugin2=Name|Größe@C:\...\wdx\ShellDetails\ShellDetails.wdx
wdx_text_plugin3=Size@C:\...\wdx\DirSizeCalc\DirSizeCalc.wdx
wdx_text_plugin4=Text@C:\...\wdx\TextSearch\TextSearch.wdx
debug_output=0
```

You can decide which chars would activate the different search types. To specify a default search type, just use nothing as activation char: “regex_search_activate_char=” You can also change the preset activate char or the separator chars here too.

The option “case_sensitive”:

0 - ignores the case of the words in the search

1 - case of the words in the search is important

The option “allow_empty_result”:

0 - ignores any keys that would lead to an empty search result

1 - keys that would lead to an empty search result are also considered

The option “filter_files_and_folders”:

1 - filter only files

2 - filter only folders

3 - filter files and folders

The option “match_beginning”:

0 - substrings match anywhere in filename

1 - substrings only match at the beginning of words

The option “use_pinyin”:

0 - don’t use PinYin

1 - use PinYin

With “wdx_text_plugin” entrys you can load several wdx plugins. Every entry has the following syntax: “Field1[|Field2[|Field3]]@Path_to_plugin_file”. You will need to give the whole file path for the plugin. You will need to use the untranslated fieldnames. Use the following debug mode if it doesn’t seems to work.

The option “debug_output”:

0 - do not show debug messages

1 - use “Commander_ini_path\tcmatch.log” for wdx debug messages

4. Limitations

- Quick Search options from “Configuration” > “Quick Search” are ignored. (Exact beginning and ending)
- You have to restart Total Commander to load new Entries from “tcmatch.ini”

5. History

Version 1.4

- Added: Limited wdx plugin support. See “3. Customizing” of readme for usage.
  - does not work with real unicode files and nonunicode plugins (The conversion from unicode filename to nonunicode filename is currently done char by char.)
  - “ContentGetDetectString” and “Units” are ignored
  - only untranslated Fieldnames can be used
  - only 8192 chars are extracted for long strings
  - DirSizeCalc doesn’t work for an unknown reason
- Added: “match_beginning” to match only when the substrings match either the beginning of the filename or a part of it which follows a space immediately (just try it)

- Changed: A new entry with standard value is created in ini file if it doesn't exist or has an invalid value. (through ini files from previous installations)
- Rewrote and cleaned up big parts of code. Look out for inconsistencies and bugs.
- Fixed: Small mismatches (case sensitive and pinyin).
- Due to a small bugfix TC 7.5 public beta 6 should be used.

Version 1.3
- Changed: Renamed "separator_char" to "and_separator_char" in ini.
- Added: "or_separator_char" to search either one substring or the other one - use "allow_empty_result=1" in ini to make them work better
- Added: ability to create and use presets
- Added: ini option "filter_files_and_folders" to only filter files or only filter folders (doesn't work in zip files)
- Added: Autodetect system language on first run to set PinYin ini option to "use_pinyin=1" for Chinese
- Did not fix PinYin support again :-D

Version 1.22
- Fixed PinYin support again ;-)

Version 1.21
- Fixed PinYin support

Version 1.2
- Added *(untested)* support for PinYin - thanks to Christian Ghisler and Shanny (Because of slightly performance reasons it has to be activated in the ini: "use_pinyin=1"
- Added new ini parameter to be able to change the Separator from space to any other Separator. Example "separator_char=/"
- Added some more comments to source code.

Version 1.1
- Added the introduced function "MatchGetSetOptions" from Total Commander 7.5 public beta 5
- Drop support for Total Commander 7.5 public beta 4
- Added: always override internal search
- Added: always remove leading/trailing asterisk
- Removed workarounds needed for Total Commander 7.5 public beta 4
- Added history to the readme
- Added new option to ini: "allow_empty_result=0/1"

Version 1.02
- Added version informations to dll

- Added readme to the package
- Added readme and history to the post in the Total Commander forum

Version 1.01

- Changed: The tcmatch.ini isn't bundled anymore. It's created on first run in same folder like "wincmd.ini".
- Changed: Renamed "google_search_activate_char" to "simple_search_activate_char" in ini.

Version 1.0

- Added a similarity search. (Levenshtein)
- Added google like search for RegEx.
- Added a workaround for open, but not closed parenthesis. ("()[]{}")
- Added support for an ini file. (activation chars, case sensitivity)
- Fixed absolute paths in source.

Version 1.0 pre3

- Fixed RegEx - thx to "j" it works

Version 1.0 pre2

- Added buggy RegEx :-D

Version 1.0 pre1

- Support for simple search