Introducing eSearch Pro

First public beta

30-day trial launch
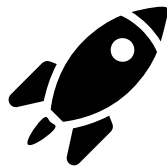
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30 September 2024

Introduction

eSearch Pro is a comprehensive full-text search application with the unique ability to be translated by you.

We provide German and French language files, along with a free Language File Translator, allowing you to quickly edit these or other partially translated language files available on request.

We are developing eSearch Pro to be a useful alternative to dtSearch Desktop for our European customers, hopefully it will also be of interest worldwide.

We have been distributing dtSearch products in Europe for 30 years, but it is only available in English. Recent versions of dtSearch use our multilingual stemming files, but licensing restrictions mean we cannot offer a translated version.

eSearch Pro lacks many of the eForensic features of dtSearch and lacks its powerful search engine, but we have aimed to provide not just basic search functionality but some new features that dtSearch lacks...

Contents

Viva la difference!

Here are a few notable differences between eSearch Pro and dtSearch:

- A valuable feature that dtSearch has, but most others lack is a word list of all the words in the index.

  eSearch Pro takes the word list feature several steps further.

 It is fully scrollable and double the length of the dtSearch word list.

  It is sorted alphabetically, including for accented characters and uppercase letters.

  It retains punctuation within numbers, the possessive apostrophe and contractions!

- Images in Web formats such as .png .jpg .gif .bmp .svg are displayed in the viewer; the viewer can display a marker at the geolocation coordinates of an image on a built-in map view.

- eSearch defaults to displaying all the files in the index when the search query is empty, you add words to limit the results to just the ones you need.

- The Viewer plays browser compatible audio and video file formats like .WebM, .Ogg, .Wav, MP3. Just click on open in folder to play other formats in their default application or the recommended app.

- Source code can be searched and displayed with syntax highlighting and line numbers, 40+ source code file types supported.

- A filetype tree view selector makes it easy for you to limit your index contents to just the filetypes of interest without having to move the files. (dtSearch requires you to manually type a comma separated list into a textbox).

- ePub file format support.

These differences and others make it possible to use eSearch Pro for applications that dtSearch may be less suitable for, we have presented a few ideas here...

Proof Reading
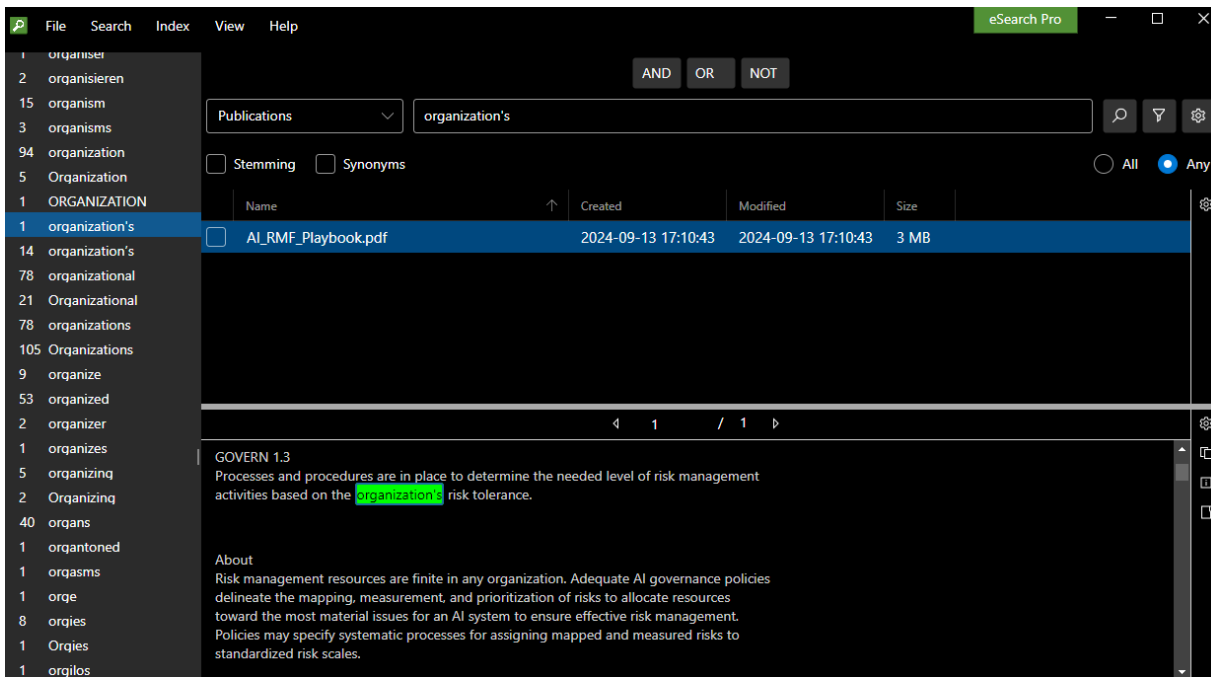
Whether you are a professional proofreader, a translator or a just a nitpicker, you will love the scrollable word list that shows every word in the documents, just double-click on a word to highlight them.

The default indexing method is 'accent sensitive' so that cafe doesn't pass for café, the Case Sensitive indexing option ensures that references to a Polish delicacy doesn't get mistaken for a kind of wax polish, and those possessive apostrophes written in different software as shown above don't get past you!

The indexing preserves punctuation within numbers and words, like dates, IP addresses, library formats, sums of money, or other details that need checking O.K!
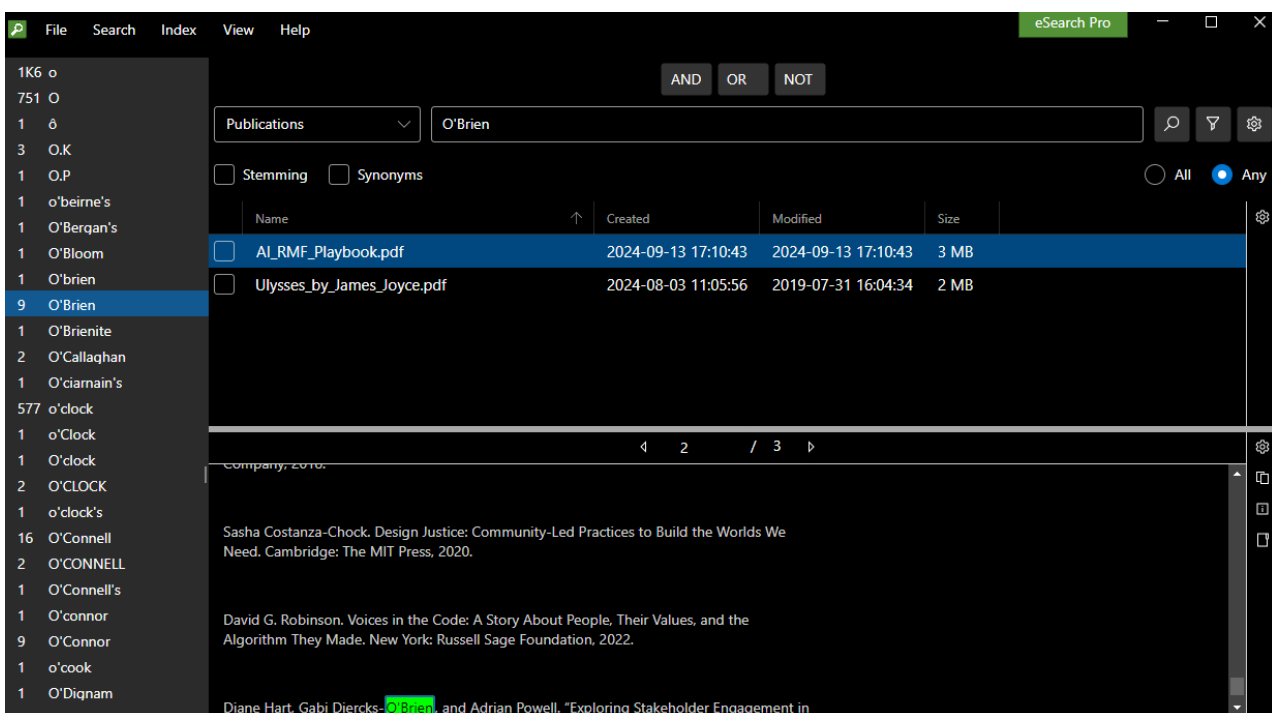
Geolocation in images

eSearch Pro displays Web format images and automatically extracts metadata such as geolocation, camera settings and more. You can choose the specific types of metadata you want to see in your results columns and click on any header column to sort the results based on that metadata key.

You can also choose to display the geolocation on a map!

Locate Numeric Patterns

eSearch indexes numbers by default and preserves punctuation within numbers. This makes it possible to search for patterns within them using Regular Expressions.

eSearch includes an example regular expression in the Sample Numeric Patterns synonyms files to identify IPv4 internet addresses. You can also add your own regular expressions, it uses the same Lucene syntax as Microsoft Azure AI Search.
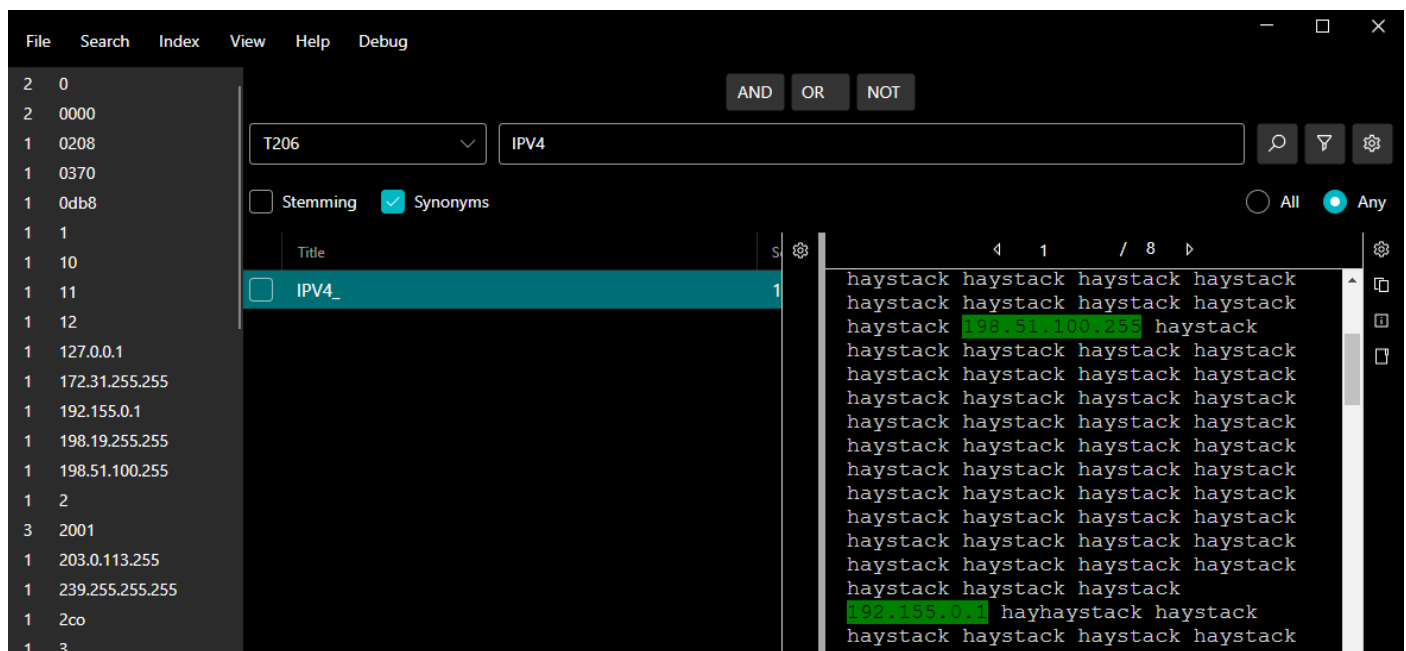
Image above shows IPV4 search query used to find and highlight all IPv4 addresses in a file.

Search for Email addresses

Email addresses are split on the @ symbol so that domains and email aliases appear separately in the word list.

You can search for all users at contoso.com just by entering that domain as the search query (do NOT use a wildcard) or you can enter the alias jon.doe to find all such emails at any domain e.g. jon.doe@gmail.com or jon.doe@contoso.com

To search for the exact email use both parts in quotes including the @ sign like "jon.doe@contoso.com".

Unlike dtSearch there is no need to specify an option in the index settings to index emails, it is the default behaviour.

Translation

eSearch Pro supports .xliff (1.2 & 2.0), .tbx and .tbm file formats used by translation software.* The index is accent sensitive by default and Index Settings offers a Case Sensitive option, so that for example Language, language and LANGUAGE get indexed and appear in the word list as three separate words.

Multilingual stemming means that plurals and other word variations are found in many European languages.

Pre-defined synonym files are included that cover irregular verbs and nouns in Danish, Dutch, English, French, German, Italian, Norwegian, Spanish, and Swedish. You can choose to use several synonym files during a search. Synonym files also include multilingual days and months.

The word list displays contractions like d'un and possessive apostrophes.

1	422	
5	a	
1	an	
1	another	
1	as	
1	authorized	
1	Bad	
4	Bonjour	
1	by	
1	code	
2	Collection	
3	computer	
1	credentials	
1	**d'un**	
1	de	
2	document	
1	Export	
1	first	
1	from	
1	he	
4	Hello	
1	Hola	
1	Il	

AND OR NOT

Translation Files ∨   d'un

☐ Stemming   ☐ Synonyms

| Name	Created	Modified	Size
sample-1-xliff2.xliff	2024-09-04 16:43:12	2024-09-04 16:43:12	656 B

◁ 1 / 1 ▷

Hello world

Bonjour le monde

This is an XLIFF document.

Il s'agit d'un document XLIFF.

*The initial 1.0 (beta) release is only suitable for small files, eSearch Pro currently does not have a way to segment large files.

Software Engineering

Over 40 source code file formats are supported, the viewer displays source code with hit highlighting, syntax highlighting & line numbers.
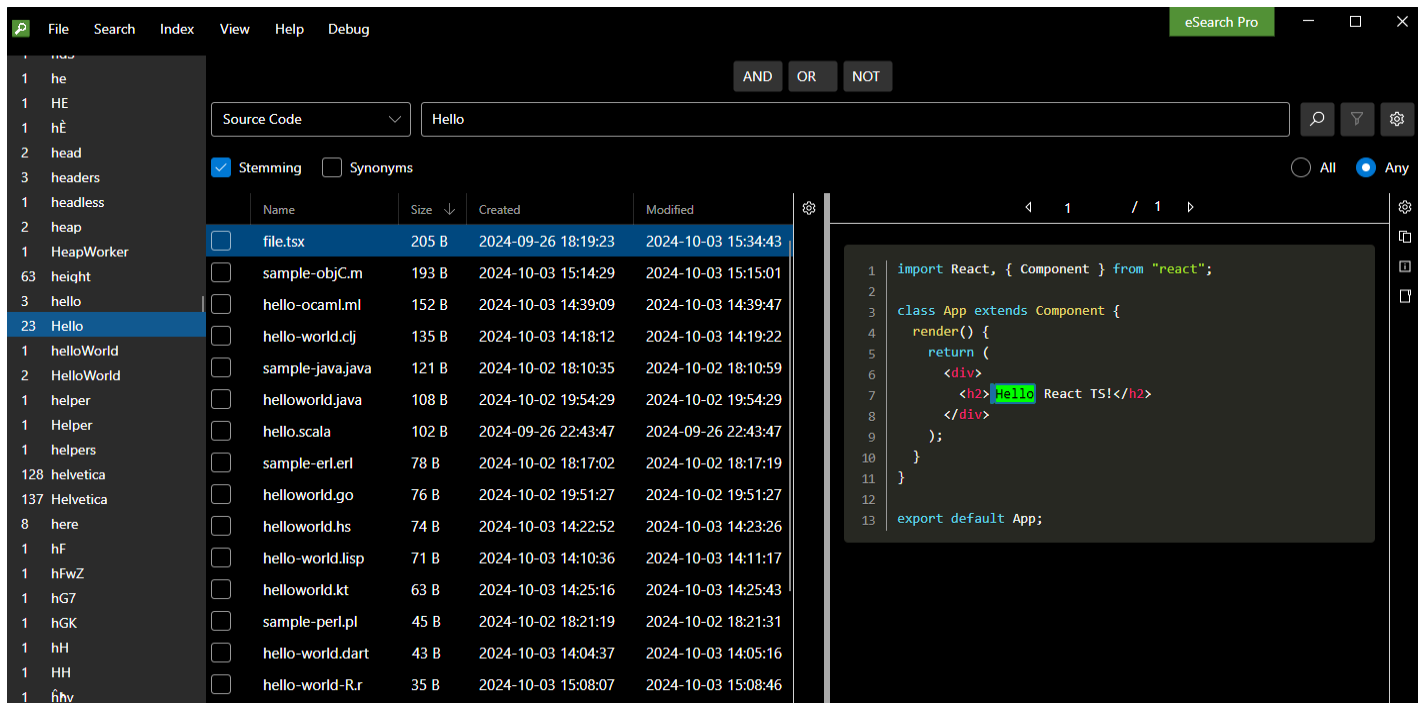
eSearch Pro 1.0 (beta) supports .asm .bat .c .clj .coffee .cpp .cs .dart .elm .erl .fs .go .groovy .hs .java .jl .js .jsx .kt .lisp .lua .m .ml .php .pl .ps1 .py .r .rb .rkt .rs .sass .scala .scss .sh .sql .swift .ts .tsx .v .vb .vhd

And more…

- eSearch Pro automatically indexes all metadata. You can select which of them to display in the search results, you can also export search results with any metadata you choose.

- Standard columns in the search results include not only the file's Modified date and time, but also the Created and last Accessed date and time, all in ISO 8601 format (YYYY-MM-DD).

- Did we mention dark mode as default?

30-day trial now available!

- You can download a fully functional trial version. After 30-days it will revert to Lite mode. eSearch Lite has some limitations on functionality, but you can continue to use it for free, for both private or commercial use, for as long as you wish.

- eSearch Pro is a work in progress, check back often for [new releases](#).

- eSearch Pro and Lite versions do not track usage or pass any data to us or any third party. There is error logging, which you can send to us if you need support.

- While in beta testing, both eSearch Pro and Lite are free of charge. You can download new trial versions of eSearch Pro at any time.

- If you have feedback, suggestions, questions, or need a different 'search' problem solved, please contact support@electronart.co.uk

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on eSearch Pro!

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