

Contents

1	org-db v3 tasks	1
2	TODO v3 tasks	2
2.1	TODO Indexing external linked files	2
2.2	TODO gptel tools	2
2.3	DONE server is not running correctly	2
2.4	DONE make sure buffers get closed after indexing	2
2.5	DONE make the agenda command automatically show 2 weeks, and add prefix to change that	2
2.6	DONE auto-indexing is not working	2
2.7	DONE Server log function not working	3
2.8	DONE jump to db file	3
2.9	DONE agenda	3
2.10	DONE eliminate missing files	3
2.11	DONE full text snippet and position	3
2.12	DONE No images seem to be found.	3
2.13	DONE image search with thumbnails	3
2.14	DONE line numbers seem to be wrong in semantic search	3
2.15	DONE use completing read for search and open file	3
2.16	DONE update default the clip model to sentence transformers	3
2.17	DONE add indexing functionality	4
2.18	DONE full text not finding results	4
2.19	DONE stats?	4
2.20	DONE add server homepage	4
2.21	DONE no transient	4

1 org-db v3 tasks

Add an elisp block to add *Users/jkitchin/Dropbox/emacs/scimax/org-db-v3/elisp* to the load-path and then to load elisp/org-db-v3.el

Here's an elisp block to add the directory to your load-path and load the org-db-v3 module:

```
(add-to-list 'load-path "/Users/jkitchin/Dropbox/emacs/scimax/org-db-v3/elisp/")  
(require 'org-db-v3)
```

org-db-v3

Write an elisp block to load all the elisp files in the elisp folder

Here's an elisp block to load all the elisp files in the elisp folder:

```
(load-file "elisp/org-db-v3-client.el")  
(load-file "elisp/org-db-v3-parse.el")  
(load-file "elisp/org-db-v3-search.el")  
(load-file "elisp/org-db-v3-server.el")  
(load-file "elisp/org-db-v3-ui.el")  
(load-file "elisp/org-db-v3-agenda.el")  
(load-file "elisp/org-db-v3.el")
```

```
(global-set-key (kbd "H-v") 'org-db-menu)

;; Auto-start server when Emacs starts (optional)
(setq org-db-v3-auto-start-server t)
```

t

elisp:org-db-menu

```
(setq org-db-v3-debug t)
(org-db-v3-server-running-p)
```

```
(list org-db-v3-server-port (org-db-v3-server-running-p))
```

8766 9

```
(plz 'get "http://127.0.0.1:8766/health" :as 'string :sync t)
```

2 TODO v3 tasks

2.1 TODO Indexing external linked files

for the next feature I want to index files that are linked in the org files, e.g. docx, pdf, etc. Anything that docling can convert to markdown. Think about whether we need a new table or not. I would prefer something that reuses the existing vector database, to store chunks and vectors, but since we can only open the file, we should store the line number where the link to the file exists, and all chunks should still point to the org-file and line. create a feature branch to work on this, and create a detailed plan to implement it

update the Statistics section so it shows Org FILES INDEXED, and a new block for Other files indexed.

2.2 TODO gptel tools

2.3 DONE server is not running correctly

maybe it crashed?

I am not totally sure what happened here, but some cycles of claude and things are working again.

2.4 DONE make sure buffers get closed after indexing

2.5 DONE make the agenda command automatically show 2 weeks, and add prefix to change that

2.6 DONE auto-indexing is not working

maybe the problem is for files that are not already indexed. check if that is the problem.

2.7 DONE Server log function not working

make it open /tmp/org-db-server.log if it exists

2.8 DONE jump to db file

add an elisp function that lists all the files in the db, and uses completing read to select and open one.

in the transient give this "f" and change the fts5 search to k

2.9 DONE agenda

Duplicate the functionality in ../org-db-agenda.el. Make a function org-db-v3-agenda, and add it to the transient in a new category.

2.10 DONE eliminate missing files

when reindexing, remove files that do not exist

2.11 DONE full text snippet and position

I think fts5 can show a snippet and provide a character position to jump to. add this capability to the full text search

2.12 DONE No images seem to be found.

Describe how the images are found in the files, and how they are passed to the server.

2.13 DONE image search with thumbnails

2.14 DONE line numbers seem to be wrong in semantic search

they are all listed as 0. Confirm that the line numbers are being stored for chunks and getting returned in the search

2.15 DONE use completing read for search and open file

For the completing read candidates in the search functions, create a tabular string like this (Python f-string syntax)

```
{score:<6.2f} | {context:<20s} | {fullpath}:{lineno}
```

The point is to make them look nicer with each part in columns that are aligned

2.16 DONE update default the clip model to sentence transformers

```
model = SentenceTransformer("clip-ViT-B-32")
```

- 2.17 **DONE** add indexing functionality
- 2.18 **DONE** full text not finding results
- 2.19 **DONE** stats?
- 2.20 **DONE** add server homepage
- 2.21 **DONE** no transient