

# Zettelkasten GTK

Kryštof Albrecht  
krystofalbrechtus@gmail.com

March 14, 2021

## Contents

<b>1</b>	<b>Introduction</b>	<b>2</b>
1.1	Motivation . . . . .	2
1.2	Use case diagram . . . . .	3
1.3	Miscellaneous features . . . . .	3
1.4	Common scenarios . . . . .	3
1.4.1	Processing the staging area . . . . .	3
1.4.2	Searching for information . . . . .	4
<b>2</b>	<b>The Graph View</b>	<b>5</b>
2.1	Notes . . . . .	5
2.2	Links . . . . .	5
2.3	Outlines . . . . .	5
2.4	Lenses . . . . .	5

# 1 Introduction

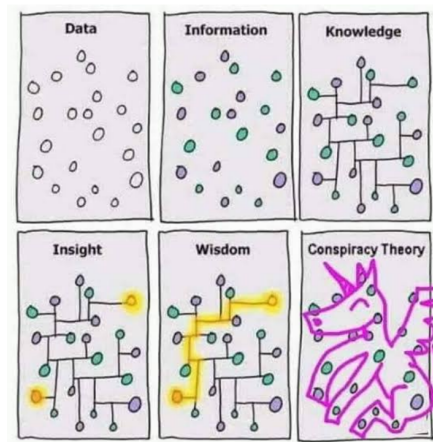
## 1.1 Motivation

Tools like Vimwiki, Vimzettel and Taskwiki provide a solid base for a Zettelkasten workflow. These are based on *the Vim text editor*, which has a lot of advantages:

- Text editing cannot be faster
- Adding new notes is effortless
- The system is simple
- Tasks can have note links in them
- Any missing functionality can be added through Vimsript

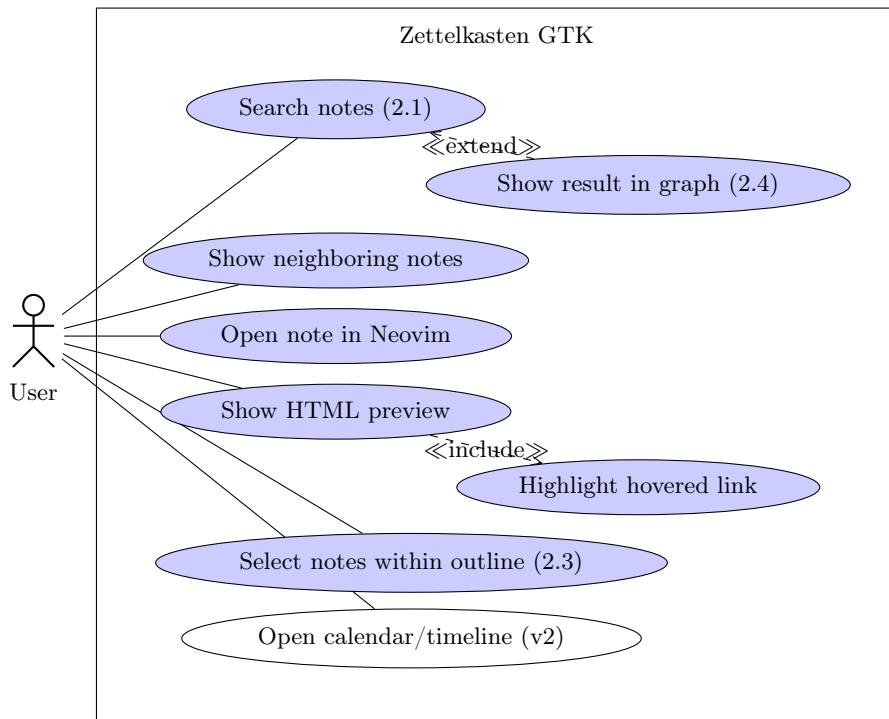
The problem is however, that there is no GUI. Tools like *Obsidian* offer a *graph view* that enables natural viewing of the *networked structure* of the Zettelkasten. This view allows faster and easier search and navigation, but also improves the chances of *emergent ideas*.

This tool is based on a *graph view* of the Zettelkasten and allows a wide range of filters to find precisely what we're looking for.



## 1.2 Use case diagram

The graph view (see section 2) is *the basis* of the system and so will always be shown. The user will then be able to *adjust* this graph view. Any other view will open as a sidebar.



## 1.3 Miscellaneous features

Apart from the aforementioned main use cases, there will also be the following features:

- Showing files/attachments in the graph view
- Support for Vimwiki tags

## 1.4 Common scenarios

Here are a few scenarios of how using the application might play out.

### 1.4.1 Processing the staging area

I've taken some notes and put them in the staging area. Now I want to quickly integrate them into the Zettelkasten.

1. The staged notes have an *outline* around them in the graph view. Each staging subtask is *further divided* by outlines.
2. I *highlight* all the task notes within an outline.
3. I *open* all the notes at once in Neovim with a single click.
4. I can view the HTML preview of the note I am working on.
5. As I work, the graph updates *in real time*.

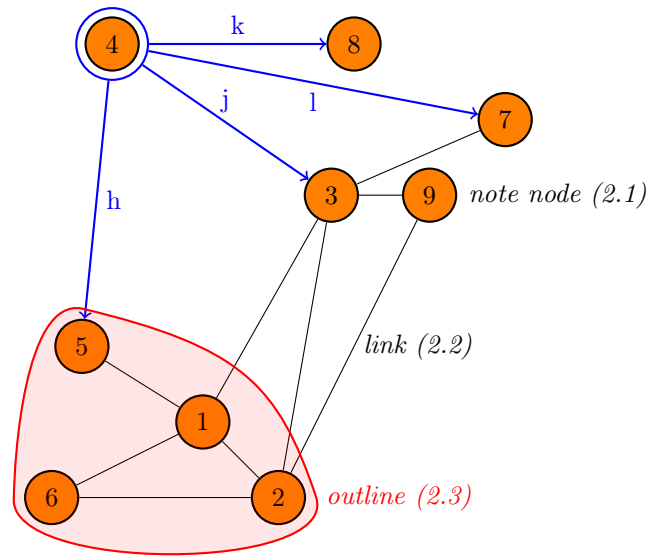
#### **1.4.2 Searching for information**

I can't seem to remember something that I've written down.

1. I enter my search query by *just starting to type*.
2. The graph updates in real time and shows just the nodes matching the query. The most relevant node is highlighted and its HTML preview is show automatically.
3. I have the option to show a small snippet of the note next to each node.
4. Hitting enter, I can navigate the nodes with *Vim keys*.
5. Hitting enter again, I can navigate the HTML preview.

## 2 The Graph View

This section provides an overview of the various *elements* of the graph view.



### 2.1 Notes

### 2.2 Links

### 2.3 Outlines

### 2.4 Lenses