How are you currently feeling?

A (Ioachim, 2013)

B (Becker, 2014)

C (J, 2018)

D (Nowicki, 2015)

Use the annotation tool to circle one of the letters above, or type a letter into the chat

Designing a Workflow for Managing Readings

Kaushar Mahetaji
kaushar.mahetaji@mail.utoronto.ca
PhD Student
University of Toronto
January 14th, 2024

ACTIVITY Use the chat feature to answer the following question:

What are some challenges you've encountered when completing academic readings?

UNIVERSITY OF TORONTO

ACTIVITY Use the chat feature to answer the following question:

What is your current workflow for organizing readings?

What are the advantages of establishing a workflow for readings?

- Save time and increase efficiency by removing unnecessary, repetitive work

- Easily retrieve useful research material when completing literature reviews and research projects

- Prevent accidental plagiarism by documenting sources

- Avoid information overload in the research process

- Improve research quality by scanning for multiple perspectives and biases

By the end of this workshop, you will be able to…

1 Describe the value in organizing readings

2 Compare various "literature mapping tools," including ResearchRabbit and Litmaps

3 Create a Notion database to pinpoint the purpose, disciplinary focus, relevance, and usability of readings

4 Experiment with Markdown-based, knowledge-building software Obsidian

5 Propose a personal workflow for managing readings

UNIVERSITY OF
TORONTO

AGENDA

Importance of Managing Readings

Finding Relevant Literature
ResearchRabbit and Litmaps

Devising a Personal Wiki
Obsidian

Purpose of Reading Workflow

Creating and Organizing Notes
Notion

Literature mapping tools simplify the process of forward and backward reference tracking

Forward Reference Tracking

- **Cited by:** Which article(s) have cited the article I have?
- Check 'cited by' on Google Scholar or Scopus

Backward Reference Tracking

- **Cites:** Which article(s) does the article I have cite?
- Check the bibliography/reference list

A **history** and **future** of **Web APIs**

J Kopecký, P Fremantle, R Boakes - it-Information Technology, 2014 -
degruyter.com

… landscape in **Web APIs** and their degrees of embrace for the **Web**, we will
highlight four directions in which **Web APIs** will be moving. We start from an
observation that **Web APIs** are …

☆ Cited by 23 | Related articles ≫

References

1. R. Alarcon, E. Wilde, and J. Bellido. Hypermedia-driven restful service composition. In *Service-Oriented Computing*, volume 6568 of *Lecture Notes in Computer Science*, pages 111–120. Springer Berlin Heidelberg, 2011.
2. A. L. Ananda, B. H. Tay, and E.-K. Koh. A survey of asynchronous remote procedure calls. *ACM SIGOPS Operating Systems Review*, 26(2):92–109, 1992.
3. T. Berners-Lee. Information Management: A Proposal. CERN, W3C. Available at http://www.w3.org/History/1989/proposal.html, March 1989.

Finding Relevant Work: Litmaps and ResearchRabbit

Creating and Organizing Notes: Notion

Devising a Personal Wiki: Obsidian

UNIVERSITY OF TORONTO

Use literature mapping tools to find relevant research for classes and research projects

- **Literature mapping tools**: Usually AI-based applications that help you discover research relevant to your topic of interest

- **Examples**:
  - ResearchRabbit
  - Litmaps
  - ConnectedPapers
  - Inciteful
  - citationchaser
  - VOSviewer
  - PURE suggest
  - Citation Tree
  - Open Knowledge Maps
  - Location Citation Network

Finding Relevant Work: Litmaps and ResearchRabbit

Creating and Organizing Notes: Notion

Devising a Personal Wiki: Obsidian

UNIVERSITY OF TORONTO

ResearchRabbit and Litmaps are two very similar, popular tools for finding relevant literature

ResearchRabbit	Litmaps
• Free • Find connections between articles and authors • Obtain abstracts • See list of comparable work • Create visualizations of relationships between papers and authors • Keep finding new scholarship	• Free for 100 article searches + 1 map w/ paid options • Create **"seed maps"**—a small map comprising the top citations and references for an article • Explore specific areas of research with a 1 degree search • Visualize connections between articles—see which authors are in conversation • See which articles remain disconnected/own niche

Finding Relevant Work: LitMaps and ResearchRabbit

Creating and Organizing Notes: Notion

Devising a Personal Wiki: Obsidian

UNIVERSITY OF TORONTO

Make ResearchRabbit and Litmap accounts

Pricing   Company   ]log   Login

Litmaps

DONATE   REVIEWS   MISSION   Log In
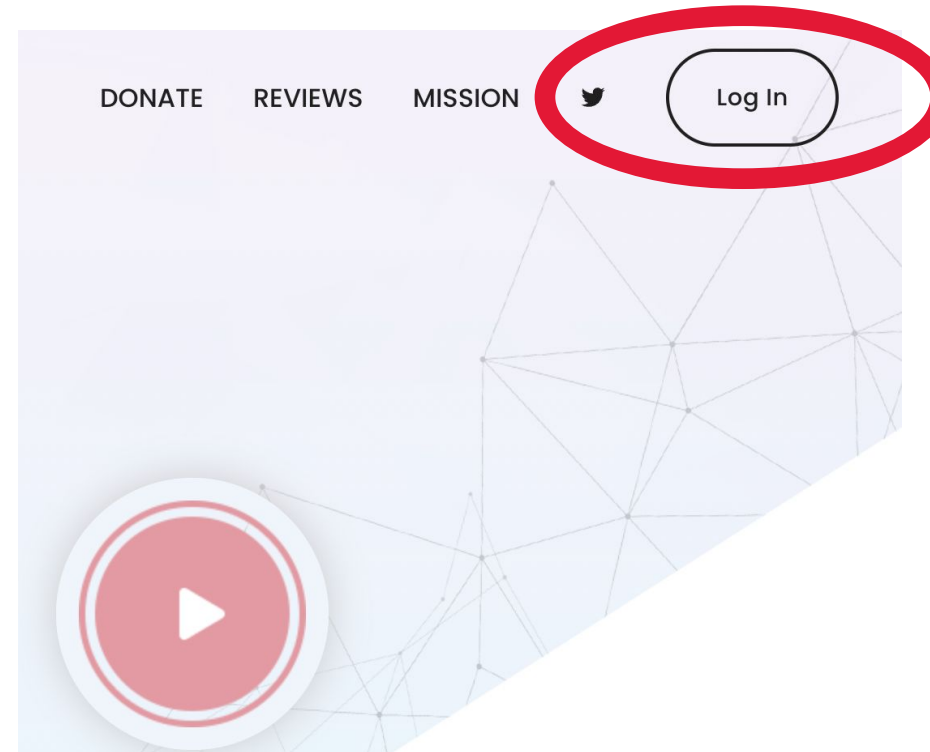
ResearchRabbit

Finding Relevant Work: LitMaps and ResearchRabbit

Creating and Organizing Notes: Notion

Devising a Personal Wiki: Obsidian

UNIVERSITY OF TORONTO

11

Find articles using ResearchRabbit or Litmaps using the following articles

1. Gillespie, Tarleton. 2010. "The Politics of 'Platforms.'" *New Media & Society* 12 (3): 347–64. https://doi.org/10.1177/1461444809342738.

2. Yin, Robert K. 2013. "Validity and Generalization in Future Case Study Evaluations." Evaluation 19 (3): 321–32. https://doi.org/10.1177/1356389013497081.

- ResearchRabbit
- Litmaps

Finding Relevant Work: LitMaps and ResearchRabbit

Creating and Organizing Notes: Notion

Devising a Personal Wiki: Obsidian

UNIVERSITY OF TORONTO

12

ResearchRabbit finds 1399 "Similar Works," 37 "All References" (i.e., references used by Gillespie), and 1151 "All Citations" (articles that reference Gillespie's paper)

Litmaps finds 28 references used by Gillespie (2010) and 1038 articles that cite Gillespie (2010)

Use the chat feature to answer the following question:

Why do you think there is a discrepancy between the software?

Finding Relevant Work: LitMaps and ResearchRabbit

Creating and Organizing Notes: Notion

Devising a Personal Wiki: Obsidian

UNIVERSITY OF TORONTO

ACTIVITY

Use the chat feature to answer the following question:

Make sure to use other methods to find literature—literature mapping software is not perfect!

Finding Relevant Work: LitMaps and ResearchRabbit

Creating and Organizing Notes: Notion

Devising a Personal Wiki: Obsidian

UNIVERSITY OF TORONTO

Manage your notes using Notion, a cloud-based, project management application for organizing and archiving notes

- Create databases, class notes, meeting notes, websites, portfolios, wikis, and dashboards

- Uses a modified version of Markdown

- Free Education Plan for university students with school email
  — No limits on file size
  — 100 collaborators
  — Page history for over 30 days

Finding Relevant Work: LitMaps and ResearchRabbit

Creating and Organizing Notes: Notion

Devising a Personal Wiki: Obsidian

Manage your notes using Notion, a project management application for organizing and archiving notes.

Advantages	Disadvantages
• "All-in-one" application • Strong support from online community • Structured note-taking • Highly customizable • Cross-platform support	• Offline mode minimal (access page left opened) • No OCR (optical character recognition) • Community plugins lacking

• Notion is regularly updated so the pros and cons are likely to change over time

Finding Relevant Work: LitMaps and ResearchRabbit

Creating and Organizing Notes: Notion

Devising a Personal Wiki: Obsidian

UNIVERSITY OF TORONTO

Notion has many templates for you to use.
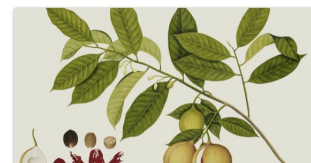
Academic Work Planner

Finding Relevant Work: LitMaps and ResearchRabbit

Creating and Organizing Notes: Notion

Devising a Personal Wiki: Obsidian

Explore Notion

This is an example of text.

Below is an example of a code snippet.

```html
<html>
<head>
<script>
function myFunction() {
  document.getElementById("dem
}
</script>
</head>
<body>

<h2>JavaScript on Notion</h2>

<p id="demo">A Paragraph.</p>

<button type="button" onclick=

</body>
</html>
```

1. Make a student account on Notion:
   https://www.notion.so/signup

2. Download the desktop app (or use the browser)
   — Desktop application for Mac or Windows: https://www.notion.so/desktop
   — Browser application: https://www.notion.so/login

3. Create the following:
   — Text and code snippets
   — Code snippet
   — To-do list
   — Toggle list
   — Table
   — Database

4. Try to personalize your page
   — Icon and cover page
   — Font style, text size, and page width

Finding Relevant Work: LitMaps and ResearchRabbit

Creating and Organizing Notes: Notion

Devising a Personal Wiki: Obsidian

UNIVERSITY OF TORONTO

20

DEMO Create a database on Notion

Access Notion
Notion Guide on Databases

What categories do you want to include?

- **Bibliographic information**: type, title, author, year, journal/book

- **Contextual information:** source, discipline

- **Analytical information:** purpose, keywords, definitions, theories, methods, arguments, questions

- **Logistical information:** complete/incomplete

Finding Relevant Work: LitMaps and ResearchRabbit

Creating and Organizing Notes: Notion

Devising a Personal Wiki: Obsidian

Create a database on Notion

What is the best way to represent information?

Properties
- ☰ Text
- # Number
- ⊙ Select
- ☰ Multi-select
- ⁘ Status
- 📅 Date
- 👥 Person
- 📎 Files & media
- ☑ Checkbox
- 🔗 URL
- @ Email
- 📞 Phone
- Σ Formula
- ↗ Relation
- 🔍 Rollup
- 🕓 Created time
- ⊙ Created by
- 🕓 Last edited time
- ⊙ Last edited by

Views
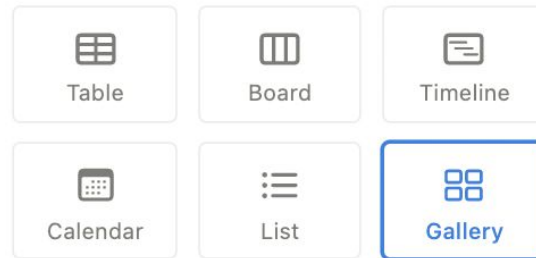
Finding Relevant Work: LitMaps and ResearchRabbit

Creating and Organizing Notes: Notion

Devising a Personal Wiki: Obsidian

Break Time

Obsidian is a Markdown, locally-based knowledge management tool focused on linking concepts
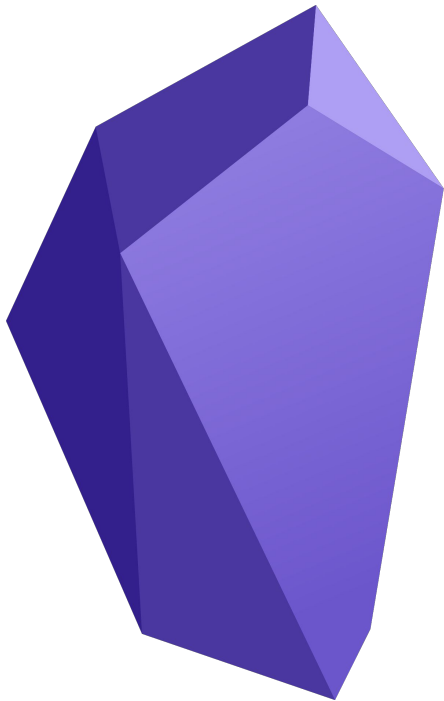
- Uses Markdown for formatting notes

- Not cloud-based but can purchase Obsidian sync (not necessary if already backing up computer files)

- Free personal plan
  — No account necessary
  — Use community plugins

Finding Relevant Work: LitMaps and ResearchRabbit

Creating and Organizing Notes: Notion

Devising a Personal Wiki: Obsidian

DEMO

Explore Obsidian

1. Download Obsidian: https://obsidian.md/download

2. Make a vault

3. Turn on community plugins

4. Add the following features:
   — Note with headers and backlink
   — Advanced Tables plugin
   — Folder
   — Spellcheck
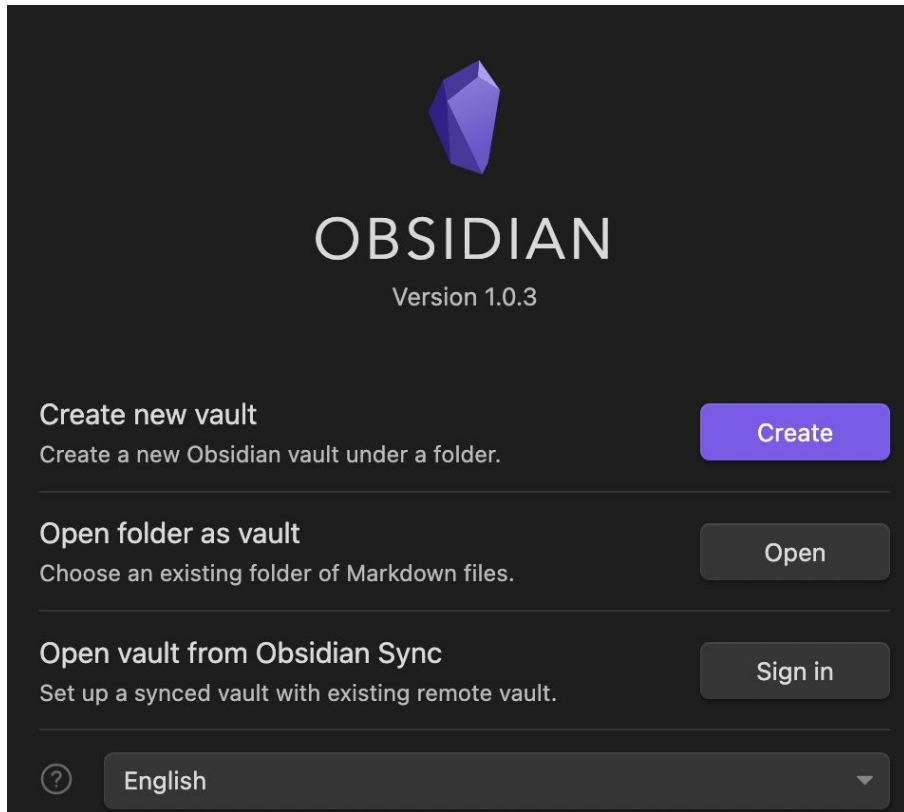
5. Open graph view

6. Personalize your page
   — Theme
   — Hotkeys

Finding Relevant Work: LitMaps and ResearchRabbit

Creating and Organizing Notes: Notion

Devising a Personal Wiki: Obsidian

UNIVERSITY OF TORONTO

Further support with managing readings

Organizing Academic Work

[Graduate Centre for Academic Communication (GCAC)](#)

- Sign up for writing workshops (asynchronous and synchronous)
- Book an appointment with the writing centre

Writing Tutors at the Learning Hub (Book appointment through Quercus)

- Receive feedback on ongoing assignments and writing projects
- Develop writing skills

Finding Relevant Literature: University of Toronto Libraries

Ask Chat

- Speak to a librarian
- Immediate support via instant messenger

Drop-in Hours (Check Quercus)

- Speak to a librarian
- Immediate support over virtual platform

Thank you! Questions?

Feedback Form

https://forms.office.com/r/L0F80kH6hD

References

See the references below for more information on literature mapping tools, Notion, and Obsidian

Ameen, Joe. 2022. "LibGuides: SURI: Citation Networks." UC Merced Library. August 17, 2022.
        https://libguides.ucmerced.edu/suri/citation-networks.

Litmaps. n.d. "Literature Map Software for Lit Reviews & Research." Litmaps. Accessed January 15, 2023.
        https://www.litmaps.com/.

Matthews, David. 2021. "Drowning in the Literature? These Smart Software Tools Can Help." *Nature* 597 (7874):
        141–42. https://doi.org/10.1038/d41586-021-02346-4.

Notion. n.d. "Creating a Database." Notion. Accessed January 15, 2023a.
        https://www.notion.so/help/guides/creating-a-database.

———. n.d. "Guides and Tutorials - How to Use Notion." Notion. Accessed January 15, 2023b.
        https://www.notion.so/help/guides.

———. n.d. "Intro to Databases – Notion Help Center." Notion. Accessed January 15, 2023c.
        https://www.notion.so/help/intro-to-databases.

———. n.d. "Markdown Guide." Notion. Accessed January 15, 2023d. https://www.markdownguide.org/tools/notion/.

———. n.d. "Notion – One Workspace. Every Team." Notion. Accessed January 15, 2023e. https://www.notion.so.

UNIVERSITY OF TORONTO

References Cont'd

Obsidian. n.d. "Basic Note Taking - Obsidian Help." Obsidian. Accessed January 15, 2023a. https://help.obsidian.md/How+to/Basic+note+taking.

———. n.d. "Format Your Notes - Obsidian Help." Obsidian. Accessed January 15, 2023b. https://help.obsidian.md/How+to/Format+your+notes.

ResearchRabbit. n.d. "Tips+Tricks: Importing and Exporting with ResearchRabbit!" ResearchRabbit. Accessed January 15, 2023. https://www.researchrabbit.ai/tipsandtricks.

Sharma, Ritu, Sarita Gulati, Amanpreet Kaur, Atasi Sinhababu, and Rupak Chakravarty. 2022. "Research Discovery and Visualization Using ResearchRabbit: A Use Case of AI in Libraries." *COLLNET Journal of Scientometrics and Information Management* 16 (2): 215–37. https://doi.org/10.1080/09737766.2022.2106167.

Testerman, Meghan. 2022. "Research Guides: Literature Mapping: LitMaps." Princeton University Library. November 29, 2022. https://libguides.princeton.edu/c.php?g=1171670&p=9402640.

Image References

Daniel Becker. (2014). *Yawning Cat* [Photography].
    https://wordpress.org/openverse/image/c4c2a30f-2f21-4b90-8fc0-2791bd8b64d6/

J, R. (2018). *Cat-3* [Photography].
    https://wordpress.org/openverse/image/1621e290-4552-4b6e-aab8-e839e72dce16/

Marcu Ioachim. (2013). Cat [Photography]. https://wordpress.org/openverse/image/1b841d10-5b28-
    4f1c-a073-6f60176f82c6/

Tomasz Nowicki. (2015). *Cat* [Photography]. https://wordpress.org/openverse/image/15012e1e-b850-4318-
    9e23-1b9573130509/

UNIVERSITY OF
TORONTO