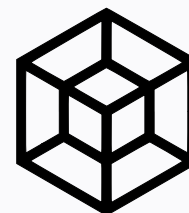# Kanopi: A better place to think.

FISSION - Tools for Thought - Part 2

Brian James Rubinton, Founder

June 3, 2021

Personal Organizers

Rail Networks

Platforms enabling complex behavior

Using data and models to enable complexity.

Derivatives contract modeling.

Review and modeling of legal agreements governing GS's global derivatives business.

Model-driven applications.

Software environment for financial regulatory compliance.

Data-driven job flow.

Distributed system syncing marketing data from multiple partners for many clients.

DSL for KG construction.

Built a search application for NASA's SLS Program.

Using data and models to **manage complexity**.

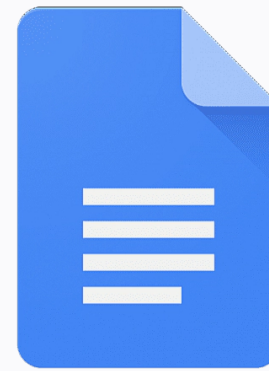**Using data and models to play with complexity.**

Tools for thought

Software

Paper

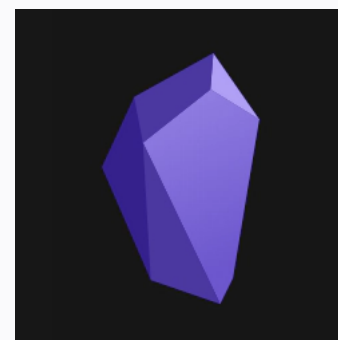# How often do you reuse and improve your existing notes?
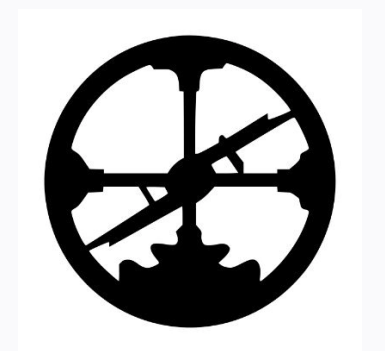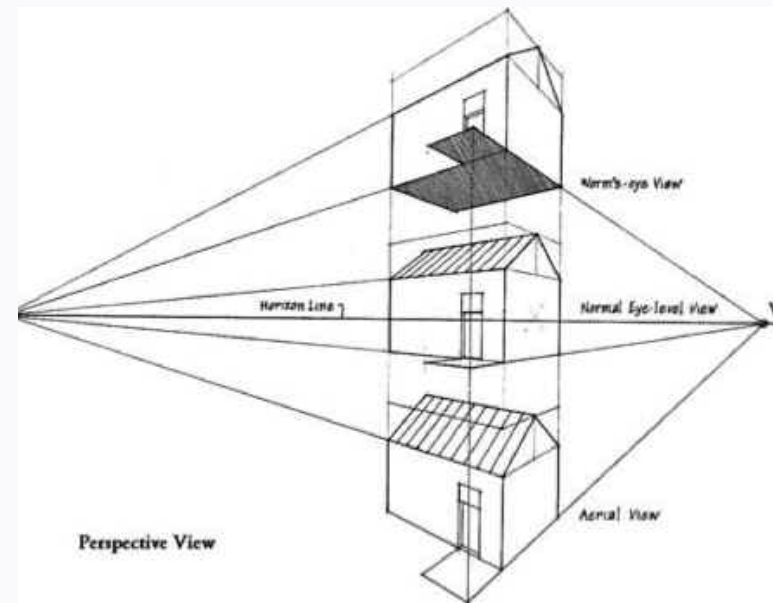
Crowded market.

What is Kanopi?

Linked Notes

Maps and Trees

Web Integrations

Model-aided Notetaking
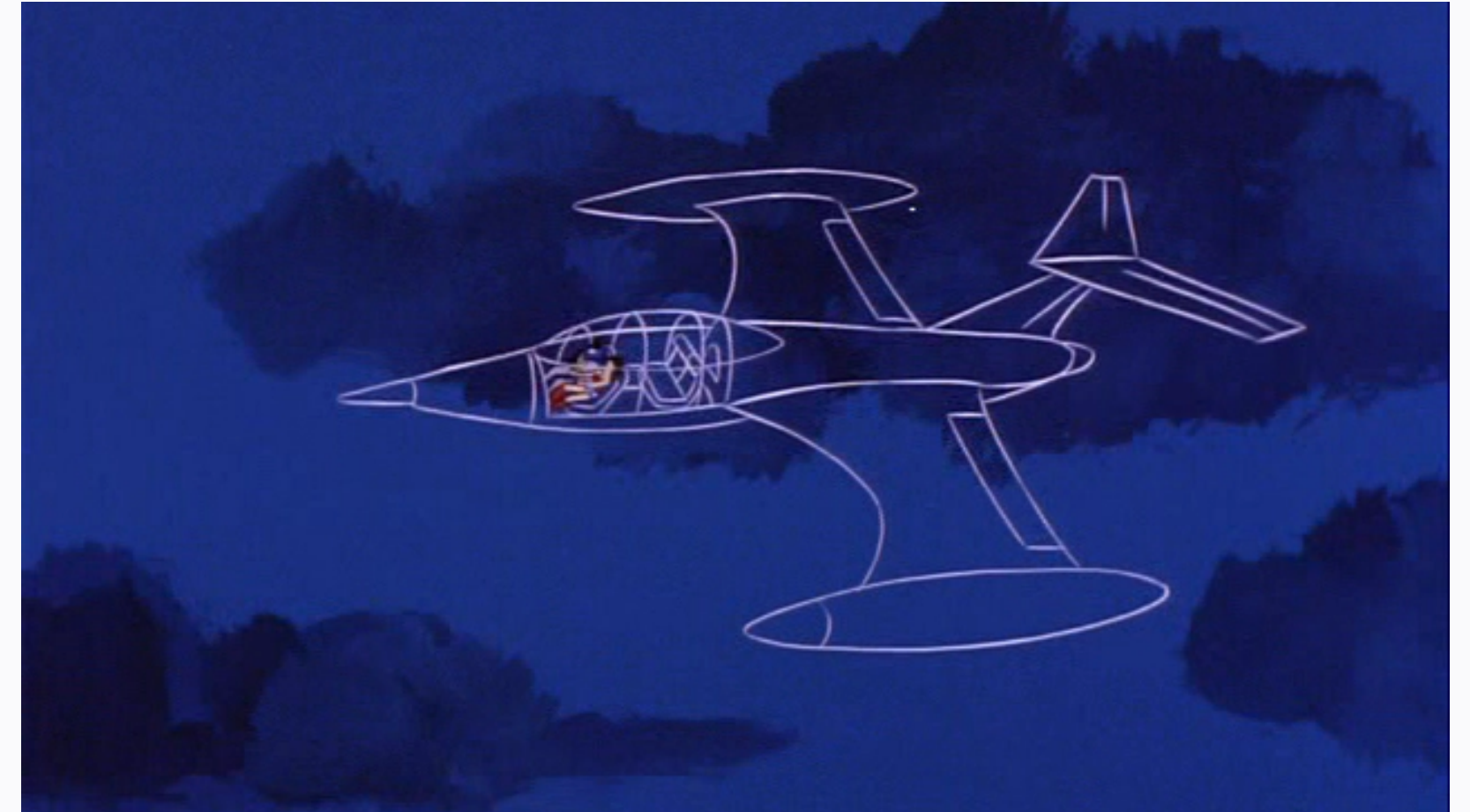
Data Ownership

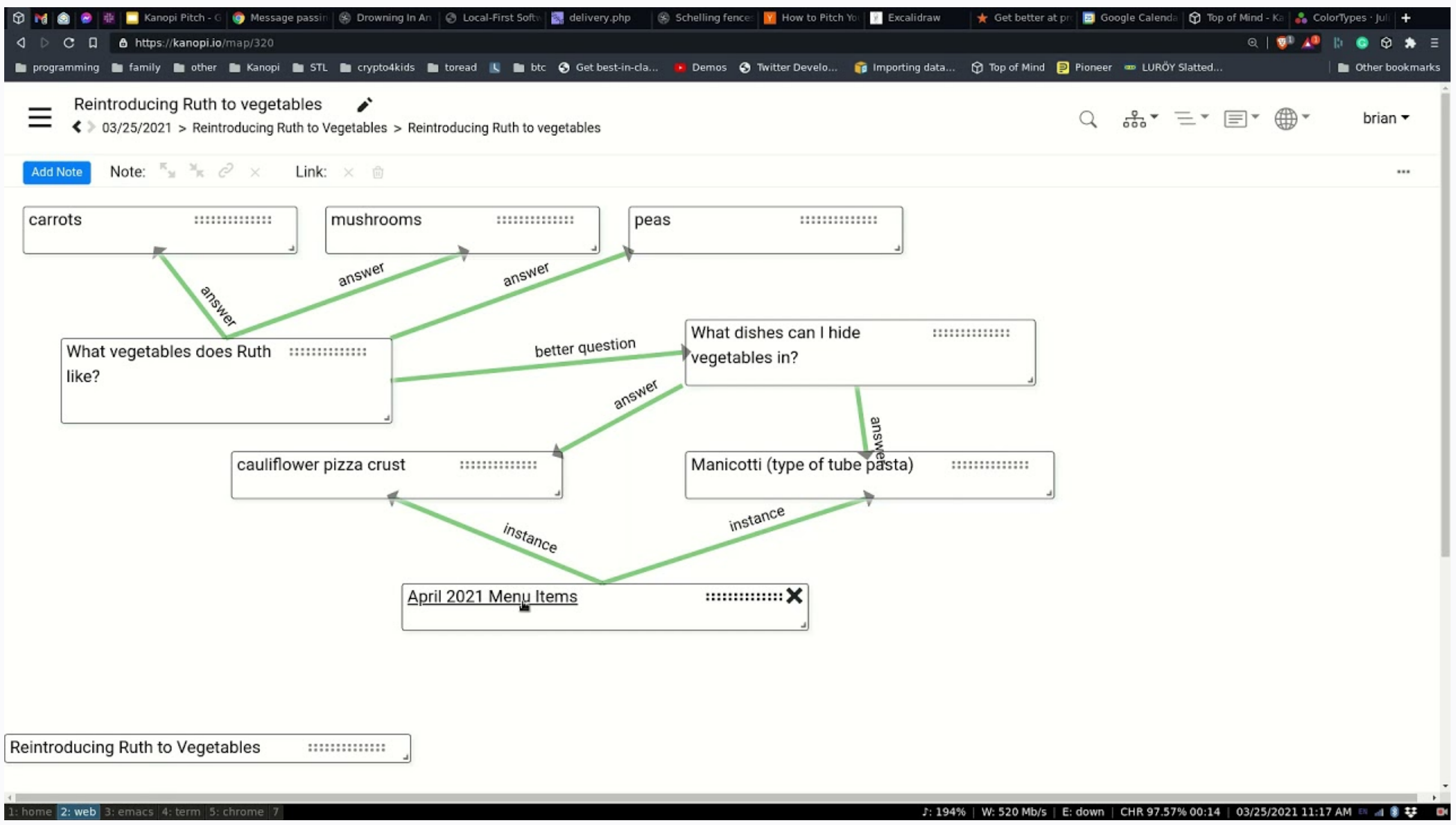**Centralized -> Federated**

E2EE (End-to-end encryption)

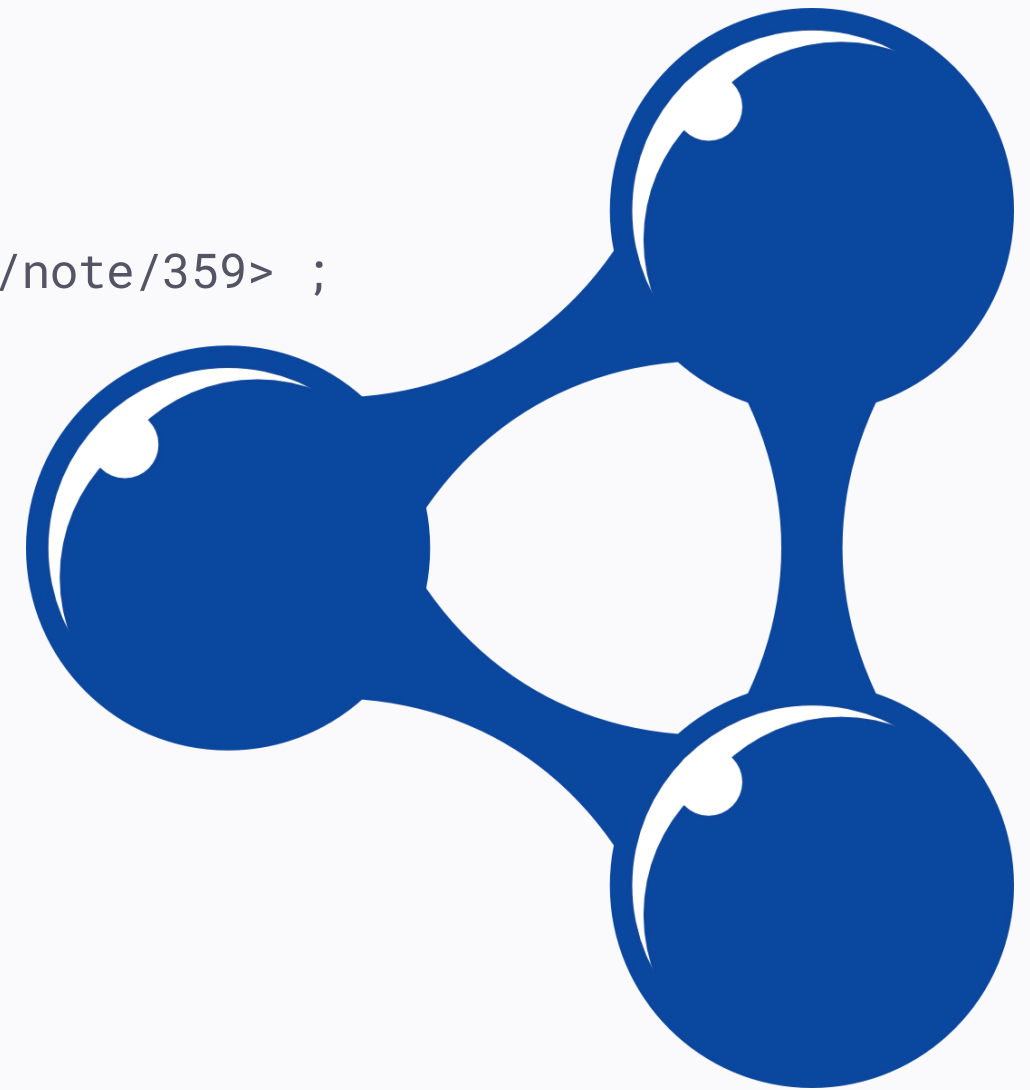**Coming Soon (2022)**

Demo

Linked Notes

- Full-screen text notes, with a title

- Directed labeled links

- Links are given equal prominence with note content.

- Every part of a Link, including the label (attribute), is a Note.

- **Independently meaningful linked notes are fundamental for reuse.**

Linked Notes are RDF

```
<https://kanopi.io/note/363>

    a                    <https://kanopi.io/Note> ;

    <https://kanopi.io/note/1>  <https://kanopi.io/note/365> , <https://kanopi.io/note/359> ;

    <https://kanopi.io/note/88> <https://kanopi.io/note/364> ;

    <https://kanopi.io/property/note/label>

        "cause or effect"@en ;

    <https://kanopi.io/property/note/rich_text_content_text>

        "..."@en .
```
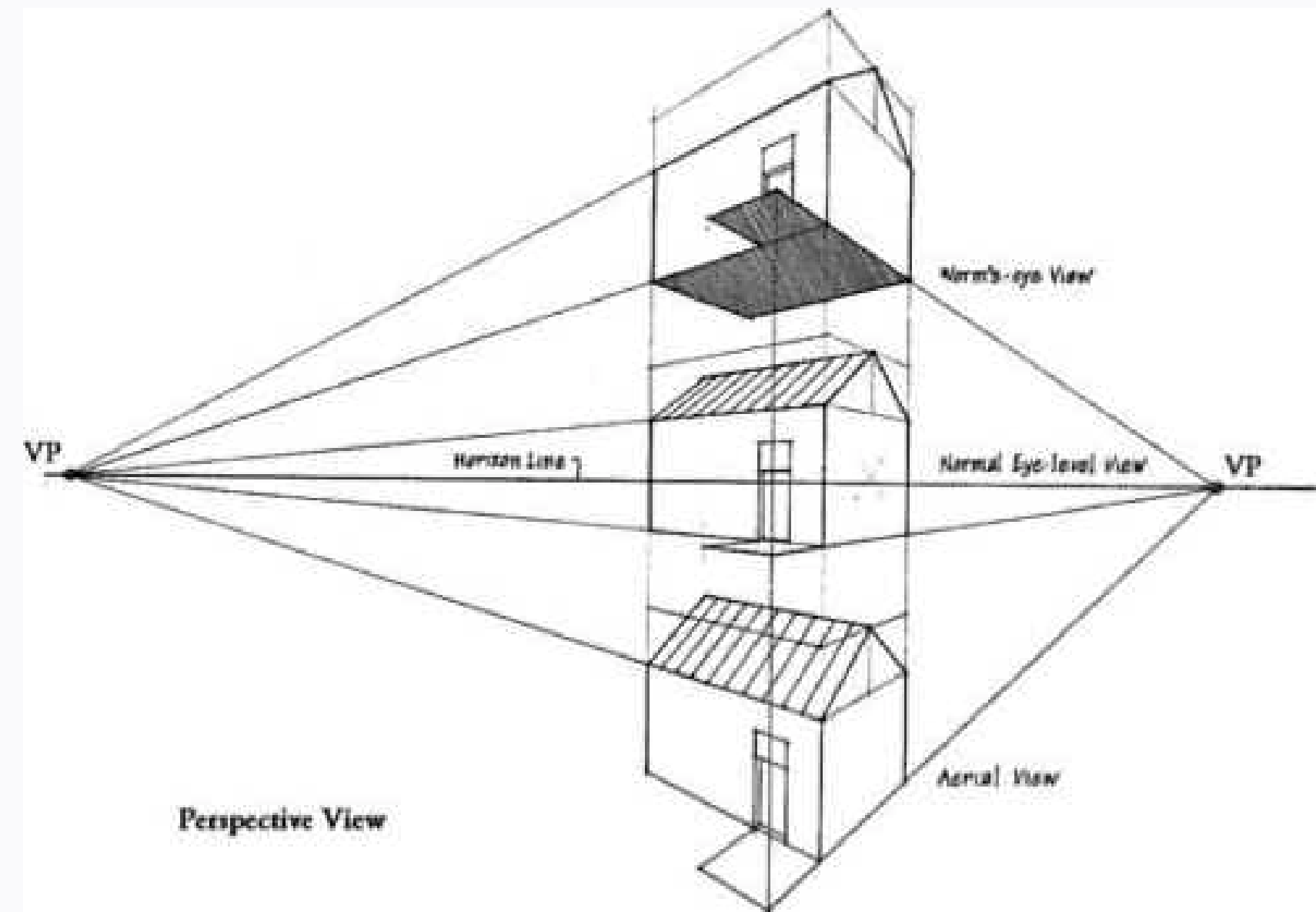
Maps and Trees

- Document types made of Linked Notes.

- Work with your Notes from different perspectives.

- Maps are like diagrams, for thinking spatially.

- Trees are like outlines, for zooming in and out of a particular hierarchy in your graph.

- **Capture a larger part of users' thought processes and support long-term KG health.**

Web Integrations

- Notes are RDF Resources.

- Search and explore KGs from within Kanopi, import as Notes.

- Associate external URIs with your Notes to generate Link Suggestions from the external data source.

- **Accelerate sync with PKG by integrating sources of common knowledge.**

Model-aided Notetaking

- Guide users to build consistent KGs with suggestions.

- type is suggested for every Note, powers "learned templates"
  - Suggestions based on notes of the same type

- **Minimize typing and # of decisions when using the tool.**

Project Timeline

```
commit 2838857ae777624568c3101244ab14c79f77f675
Author: brianru <brianrubinton@gmail.com>
Date:   Tue Apr 7 16:56:14 2015 -0400

    initial commit, initial schema
```

Working Prototype	Alpha	Alpha++	What's Next
2020 Q4	**2021 Q1**	**2021 Q2**	**2021 Q3 - Q4**

Working Prototype
2020 Q4
- Linked Notes
- Maps
- Trees

Alpha
2021 Q1
- User Acceptance Testing
- Linked Data Integrations
- RDF Account Export
- Browser Extension

Alpha++
2021 Q2
- New Landing Page
- Redesigned Linked Notes
- New Rich Text Editor
- Note Sharing
- Tabbed Navigation

What's Next
2021 Q3 - Q4
- Map and Tree Sharing
- RDF Import
- Nested Maps
- Conditional Formatting
- Conditional Layout
- More KG Integrations

BLUE IS TODO

Pitch

Thank you!

Please sign up at **kanopi.io**!