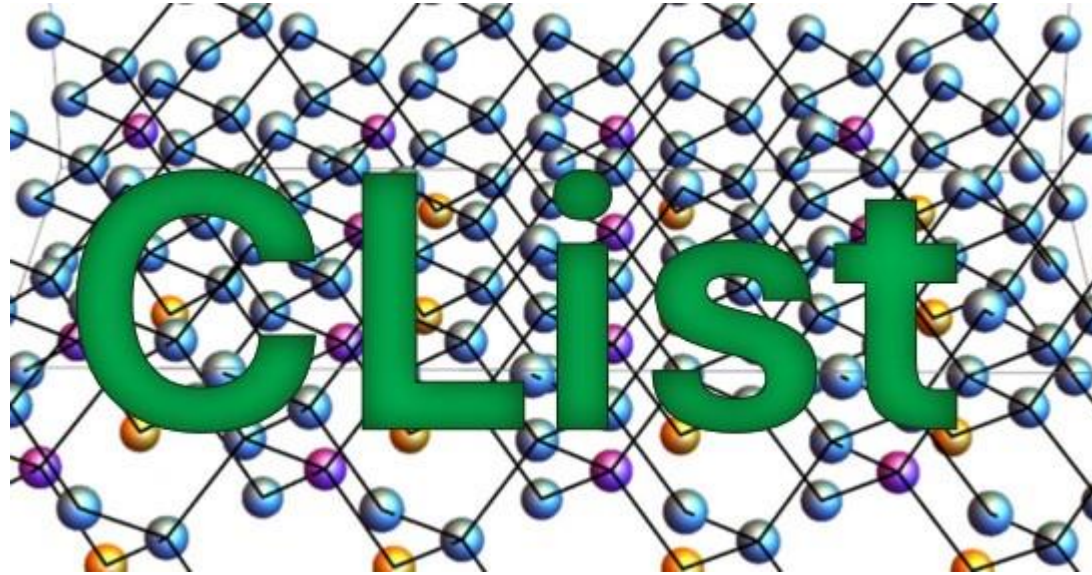


It's time to redefine how we connect



Announcement and Demo
Monday, January 27, 12 noon EST

No this is not an AI thing (though some AI is involved)
No, this is not a MOOC thing (though the first FediMOOC is involved)

Join Stephen Downes for on this live webcast
<https://youtube.com/live/0StXpYjhHel>

What This Is

The image shows a screenshot of a Mastodon client interface, divided into three main sections: a left sidebar, a central feed, and a right 'Write' panel.

Left Sidebar: Contains navigation buttons for 'Logout', 'Accounts', and 'Read'. Below these, it shows the user's identity as 'aaaa' and a list of accounts to select from: Downes, OLDaily, Cosocial, Bluesky, Test OPML, and Open-Ed OPML. A 'Manual' button and the URL 'https://mastodon.social' are also present.

Central Feed: Displays a list of posts. The first post is from 'OLDaily (@oldaily)' about Roblox gaming statistics. The second is from 'Reclaim Hosting (@reclaimhosting@reclaim.rocks)' announcing 'Bloggers Anonymous'. The third is a reblog by 'Peter Hanecak (@phanecak)' about national leader Šipová.

Right Panel (Write): Features a 'Title (Optional)' field, a rich text editor with bold, italic, link, image, and code icons, and a 'Save Locally' button. Below the editor is a list of accounts to post to: Downes, OLDaily, Cosocial, Leftish, Bluesky, and Half an Hour. A 'Published' button is at the bottom. A red error message states: 'The File System Access API is not supported in this browser. A file download will be used instead.'

Metadata: At the bottom right, there is a 'saveResult' label and a 'tinymce' logo.

Caveats

- This is a *prototype*, not a completed application
- This is a *live demo*, so some things might not work
- Yes, *other people* have done some of the same things
- No, *it's not* fully secure against all possible attacks
- I know that other people could have *coded it better*

Design Considerations

- This is a *single user* application, not a multi-user platform
- It's completely open source CC-by to be *used by anyone*
- As a whole it is designed to be *distributed and decentralized*
- It is as *simple as possible*, so anyone can use it
- The ideal is that it can *run anywhere* (still working on that)
- Mostly plain *HTML-JS-CSS* (no Node, no React, no crazy installs)

OK Let's Get Started

Logout Accounts X

Read Find Chat

Post Following Bookmarks Lists Local Hashtag User

Identity: aaaa

Read X

Please select an account



- Downes
- OLDaily
- Cosocial
- Bluesky
- Test OPML
- Open-Ed OPML

Manual

https://mastodon.social

Load Save Refs X

Title (Optional)


B I   <>

make sure to check that out too:
<https://events.reclaimhosti...>

rna.host) wrote:
I wrote about holiday celebrations held in spite of oppression, visiting the log in the Arctic that Fridtjof Nansen slept under in the winter of 1895-6, and why determination is better than inspiration.
"Everything won't go wrong."
A post for the New Year.
<https://degenerateart.beehi...>

Eugen Rochko (@Gargron) wrote:
A hardened criminal... Always climbing the Christmas tree.
#CatsOfMastodon #Caturday

Danie (@danie10@squeet.me) wrote:

n Build with  tinymce

Author Name: Reclaim Hosting
Author ID: reclaimhosting@reclaim.rocks
Feed: reclaimhosting@reclaim.rocks
URL: <https://reclaim.rocks/@reclaimhosting/113867176472151583>
Title: Mastodon
Created At: 2025-01-21T16:00:26.000Z
ID: 113867176669689177

Save Locally

Save As

The File System Access API is not supported in this browser. A file download will be used instead.

Post content to...

Click on accounts to select then click 'Save'. Contents of the 'Write' panel will be posted on the selected accounts


- Downes
- OLDaily
- Cosocial
- Leftish
- Bluesky
- Half an Hour


Published

saveResult

OLDaily (@oldaily) wrote:
Australian children who play Roblox spending average of 139 minutes a day on the gaming app, data shows #oldaily <https://www.downes.ca/post/...>. The problem isn't 'motivation'.
"Australian children who play Roblox are on the app for an average of 139 minutes a day and it is the gaming app most blocked by parents, a new industry report has found." The problem is designing learning technology people want to use as much as they want to use Roblox..

Reclaim Hosting (@reclaimhosting@reclaim.rocks) wrote:
Announcing Bloggers Anonymous!
<https://bavatuessdays.com/bl...>
We've got lots of things cooking on the event calendar, so make sure to check that out too:
<https://events.reclaimhosti...>

Reblogged by Peter Hanecak (@phanecak):
Dalibor Záhora  (@daliborz@twitter.cz) wrote:
Šipová will compete with Hřib for the position of national leader Šipová and Hřib represent two different views of the Pirates. Hřib, with the New Wave initiative, pushed through changes that lead to greater concentration of power (e.g., it will not be possible to propose dismissal from office so easily). Šipová, on the other hand, advocated the original pirate values, i.e. greater influence of rank-and-file members on whether they will vote, for example, on whether a specific colleague should continue to be a minister or should leave office.
[#volby25 #pirati6pct](https://volby25.pirati6pct)
<https://denikn.cz/1631830/h...>



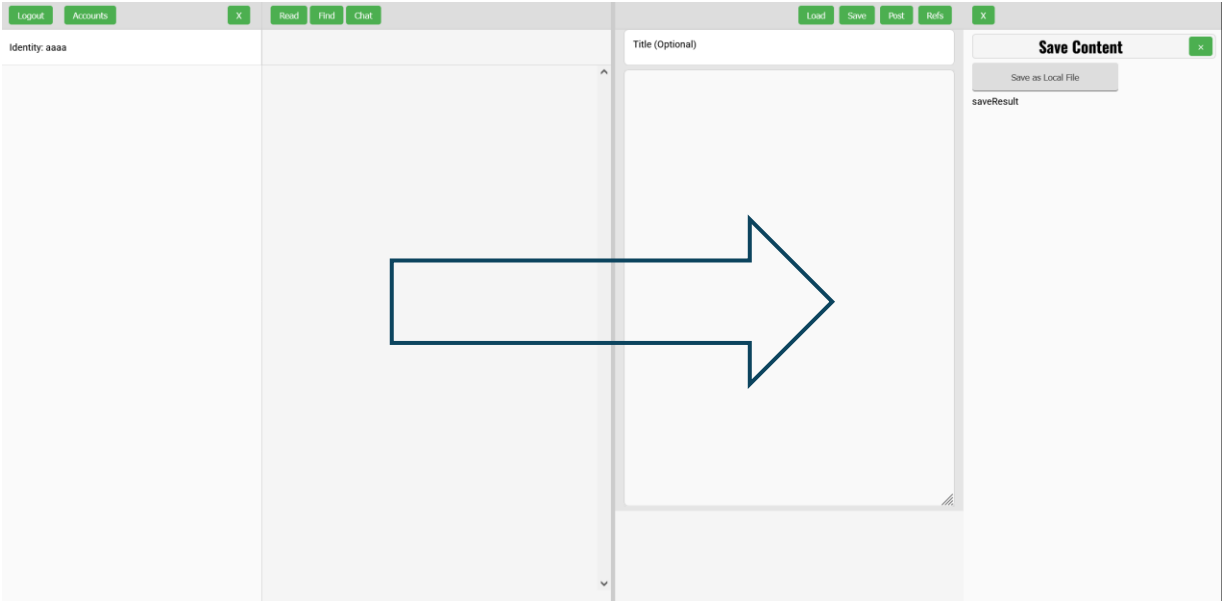
Flow

Left
Pane

Read
Pane

Write
Pane

Right
Pane



Aggregate

Remix

Repurpose

Feed Forward

Identity Server and Accounts



Each service is enabled by a standalone JS, in this case, kvstore.js

Scripts provide information to Clist in a standardized format, in this case an **accounts** array with values in a JSON object

Obviously, we would like a more robust identity server for the future.

Flasker

- Identity server and accounts
- Simple Flask key-value store

```
let flaskSiteUrl = 'https://datastore.downes.ca';  
// Base URL of your identity server
```

Identity Server and Accounts



Each service is enabled by a standalone JS, in this case, kvstore.js

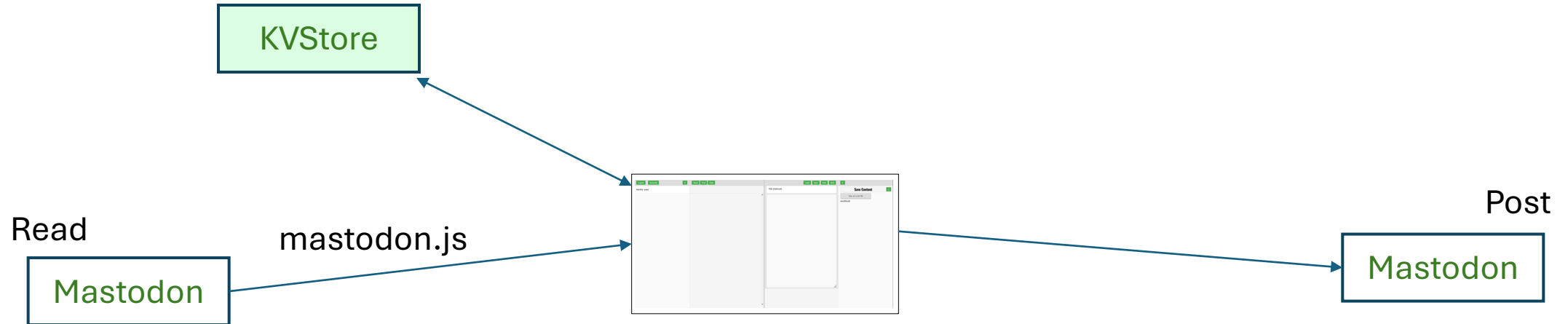
Scripts provide information to CList in a standardized format, in this case an **accounts** array with values in a JSON object

Obviously, we would like a more robust identity server for the future.

Flasker

- Identity server and accounts
- Simple Flask key-value store

Mastodon



Mastodon

- Accounts from multiple servers
- Multiple accounts from the same server

Feed Section

div id=feed-section

div id=feed-menu

Post Following Bookmarks Local Hashtag User

div id=feed-container

class status-box

[Empty status box with a right-pointing arrow]

class status-box

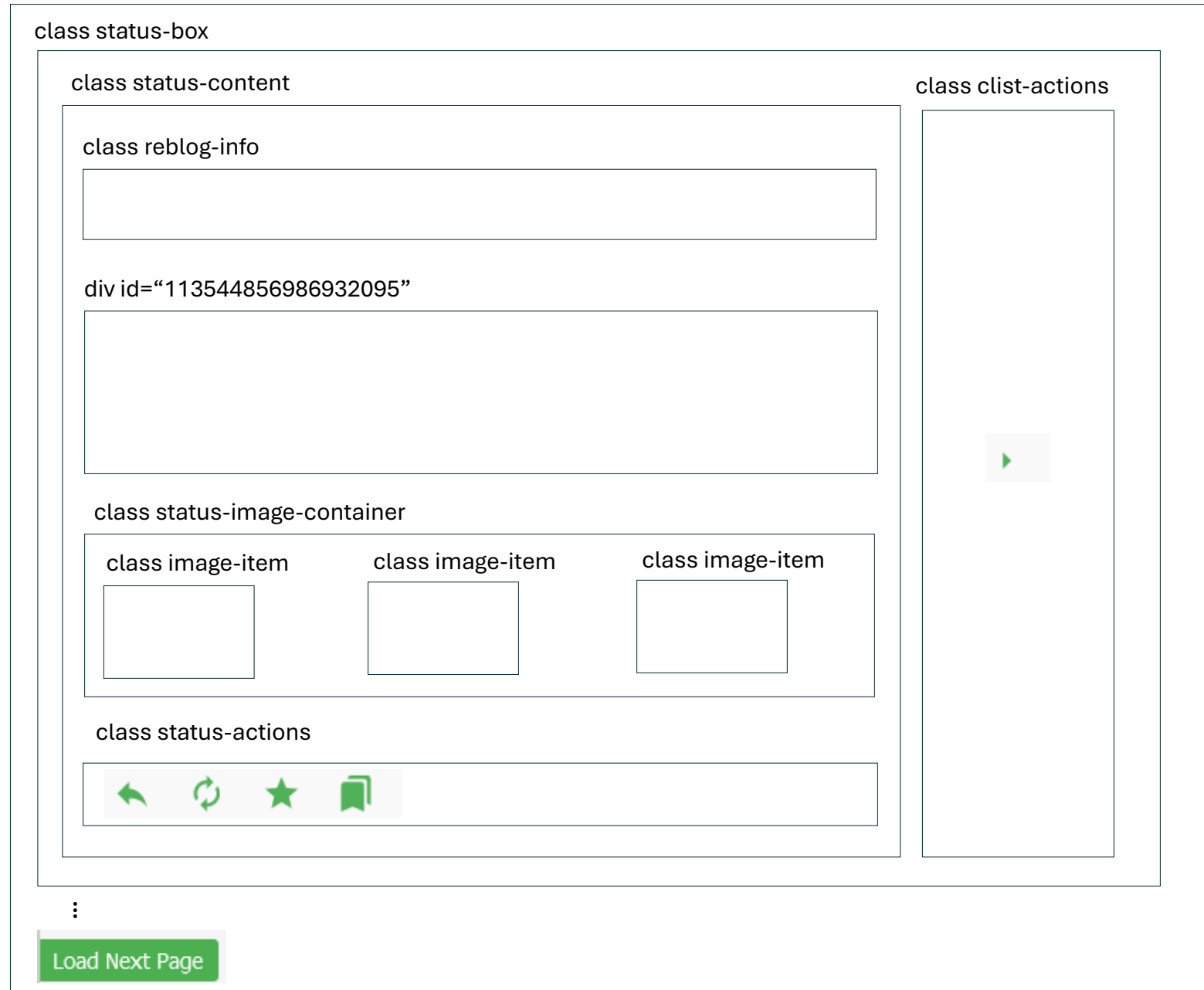
[Empty status box with a right-pointing arrow]

⋮

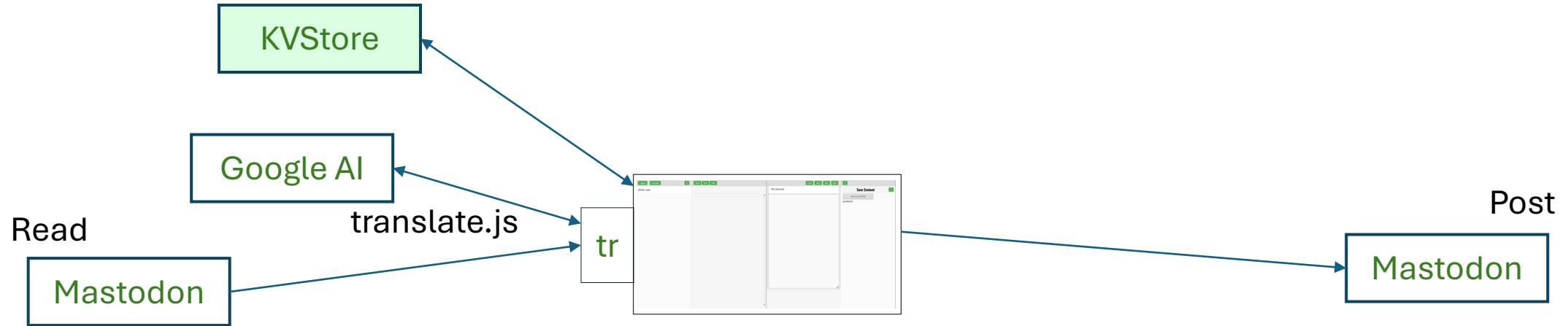
Load Next Page

Status Box

div id=feed-container



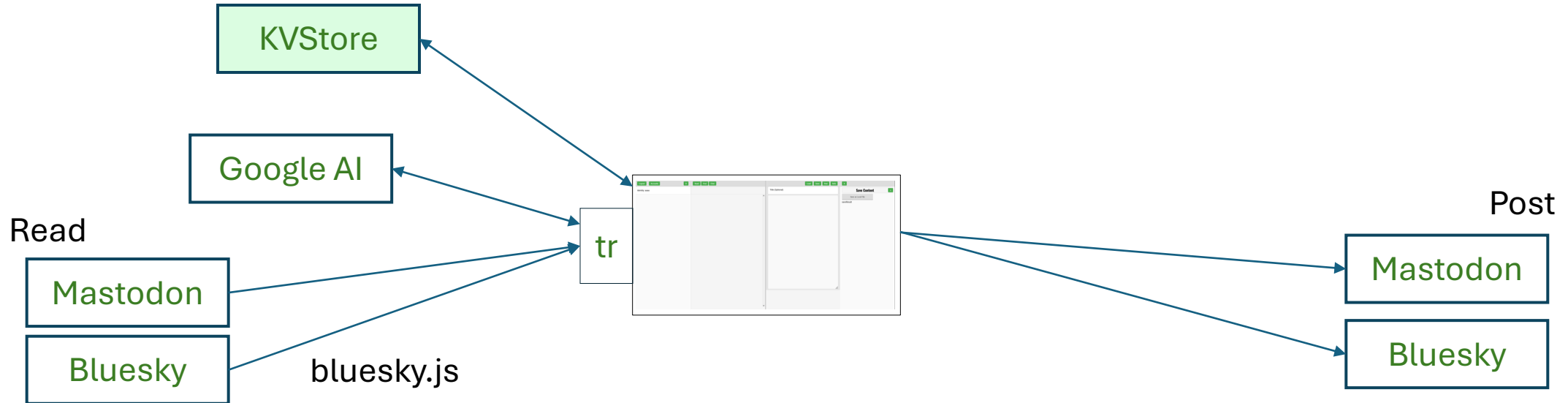
Auto-Translation



Translation

- Account from AI translation service
- Optional and need not be used

Bluesky



Bluesky







- Accounts from multiple servers (if we ever get multiple servers)
- Multiple accounts from the same server

Feed and Status Actions

Mastodon

Post Following Bookmarks Lists Local Hashtag User





[@weblearning](#) (@weblearning@social.ds106.us) wrote:
Now that's very interesting. This {{Databoks}} is how you include an infobox information in af wikipedia. I presume it pulling the info from wikidata.org?









     

Bluesky

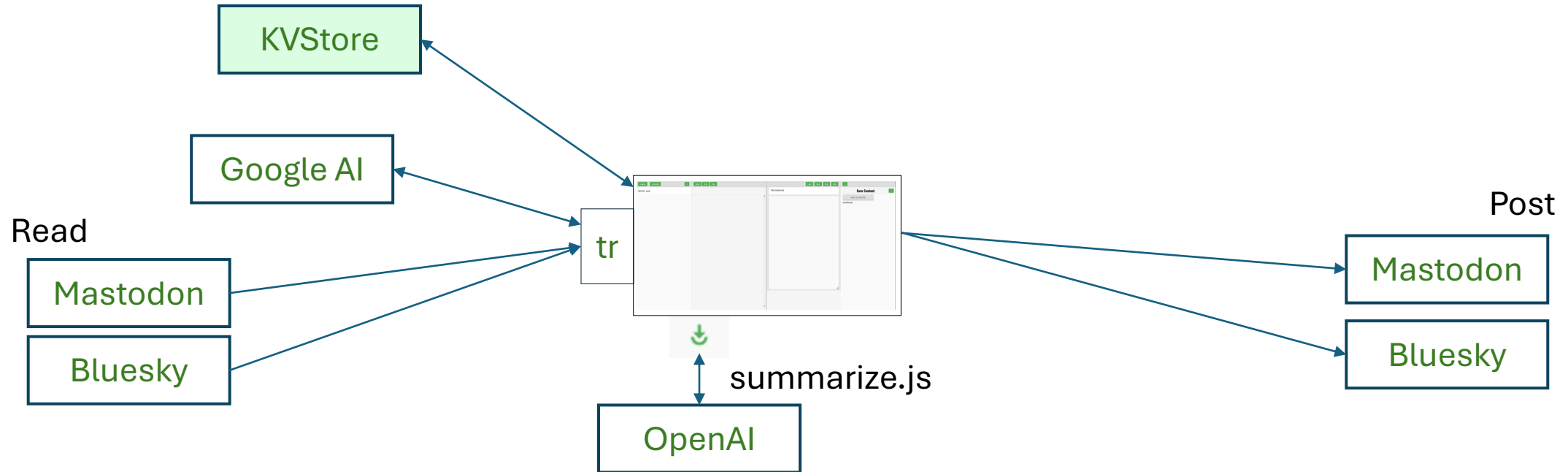
Post Timeline Favorites Pinned Recommended What's Hot Search

[OLDDaily](#) (@OLDDaily) wrote: It's time to redefine how we learn and connect #oldaily <https://www.downes.ca/post/77533> This post links to the YouTube site where I will be making an announcement next Monday, the 27th, at 12 noon Eastern (5 pm UTC).

-  Reply
-  Boost
-  Thread
-  View Original
-  Favorite
-  Like
-  Bookmark
-  Repurpose

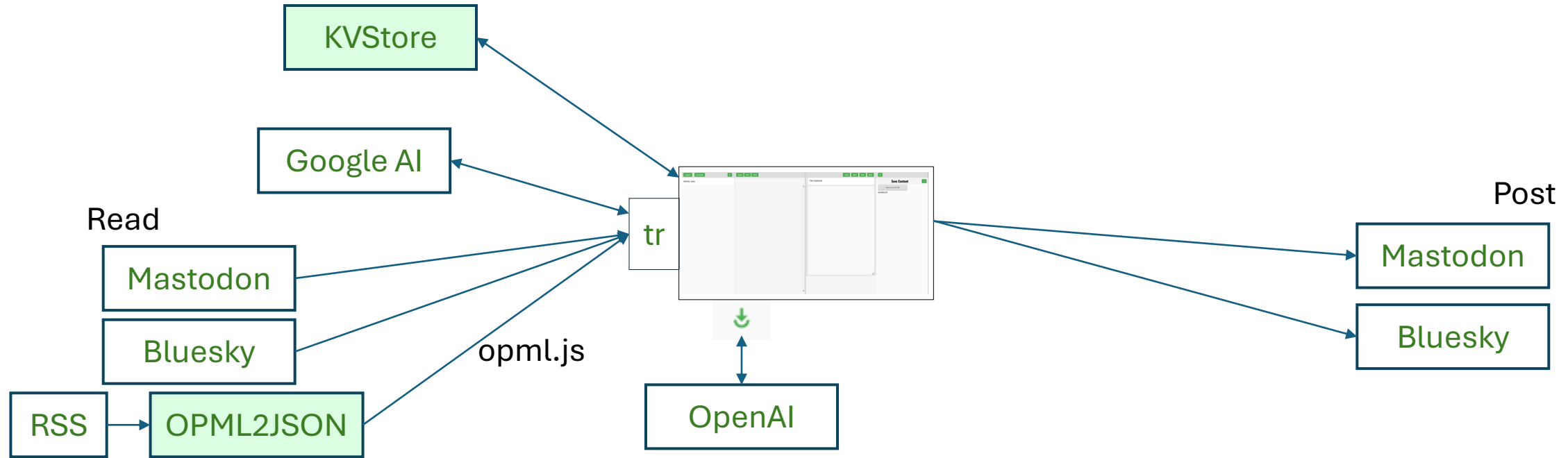
Thread Summary



Thread Summarizer

- Account from AI translation service
- Thread (or whatever) fed to summarizer service
- Summary becomes new feed item

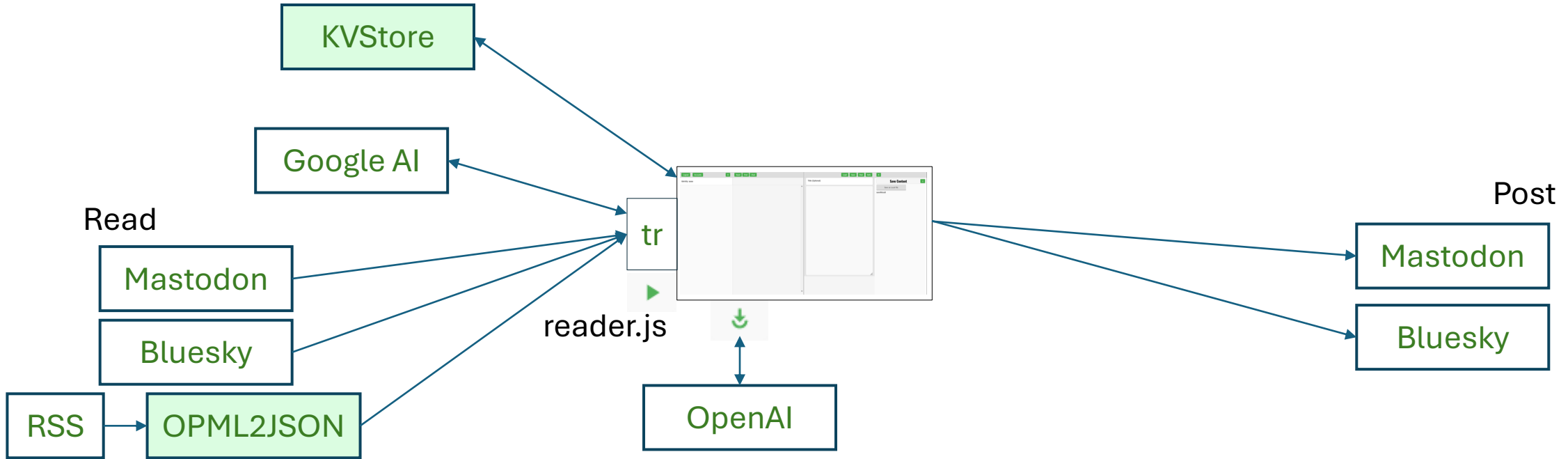
OPML and RSS



Retrieving and Reading RSS

- Standalone <https://opml2json.downes.ca> deployed
- OPML URLs are entered as accounts

Podcast Player



Create and Play Podcast List

- RSS reader detects audio enclosures in feed
- Builds playlist in audio player

Convergence

Read Find Chat

Load Save Post Refs

Post Following Bookmarks Lists Local Hashtag User

Title (Optional)

Ben Wermuller (@ben@werd.social) wrote:
This is like something from a cyberpunk novel. #Technology
<https://werd.io/2025/tiktok...>

Ben Wermuller (@ben@werd.social) wrote: This is like something from a cyberpunk novel. #Technology <<https://werd.io/2025/tiktok...>>

Reblogged by Eamon Costello (@Eamon):
Kin Lane (@kin@mastodon.kinlane.com) wrote:
Getting Started in the Morning is Hard - <https://kinlane.com/2025/01...>

Reblogged by George Station (@harmonygritz):
Natalie Davis (@NatalieDavis@journa.host) wrote:
Trump uses mass firing to remove inspectors general at a series of agencies <https://www.npr.org/2025/01...>

Natalie Davis (@NatalieDavis@journa.host) wrote: Trump uses mass firing to remove inspectors general at a series of agencies <<https://www.npr.org/2025/01...>>

Author Name: Natalie Davis
Author ID: NatalieDavis@journa.host
Feed: NatalieDavis@journa.host
URL: <https://journa.host/@NatalieDavis/113890437712565842>
Title: Mastodon
Created At: 2025-01-25T18:36:05.000Z
ID: 113890437814557012

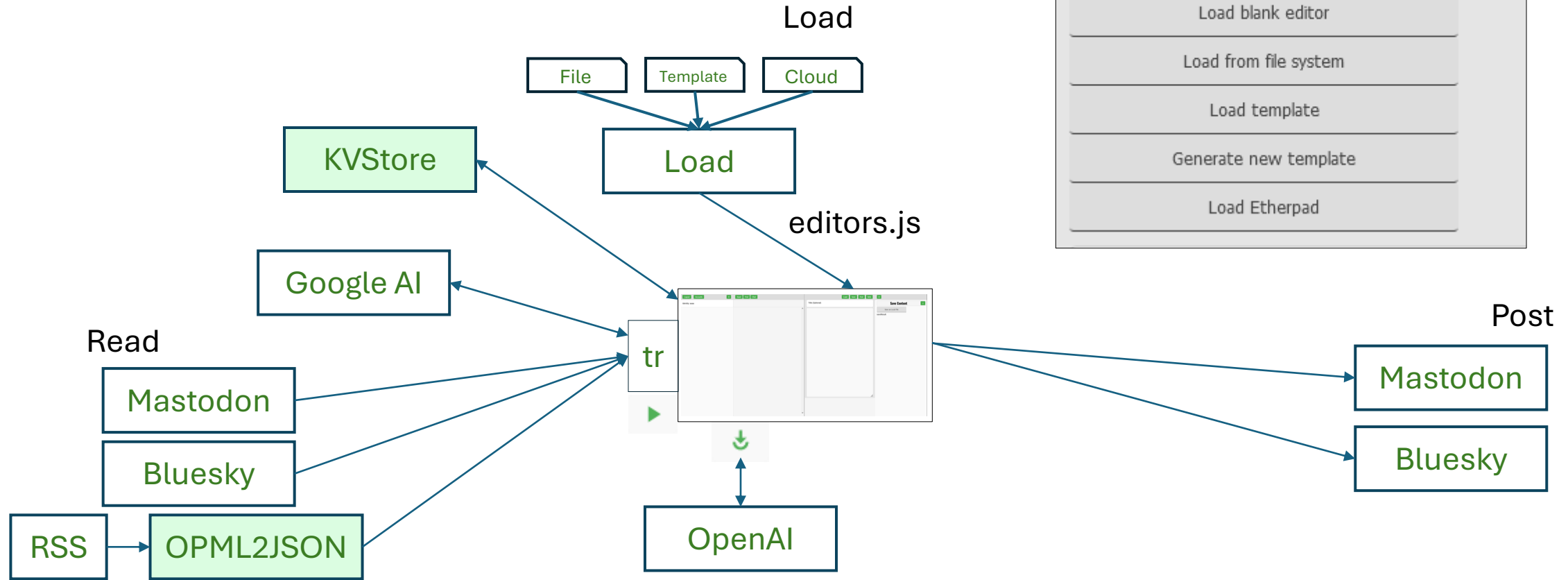
References

1. Ben Wermuller. Mastodon. ben@werd.social. 2025-01-25T18:52:50.000Z. <https://werd.social/@ben/113890503615458842>
2. Natalie Davis. Mastodon. NatalieDavis@journa.host. 2025-01-25T18:36:05.000Z. <https://journa.host/@NatalieDavis/113890437712565842>

Convergence = Reply to Multiple Posts at Once

- Place content from any feed into the editor
- Clist keeps track of each source for reply notifications
- Click 'Refs' to toggle the full list of references

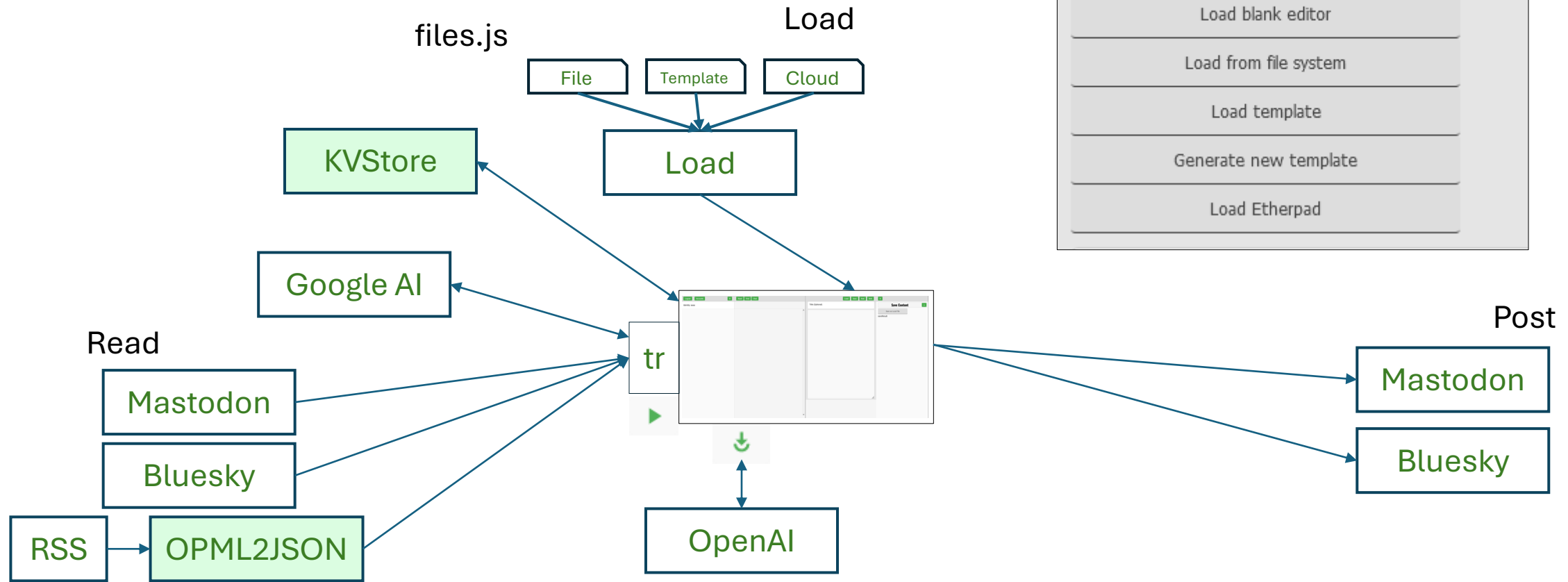
Preloading Content



Loading Content

- Editing area can be preloaded with content
- Context may be stored locally, generated, or cloud-based
- Feed content then loaded in editing context

Loading Files

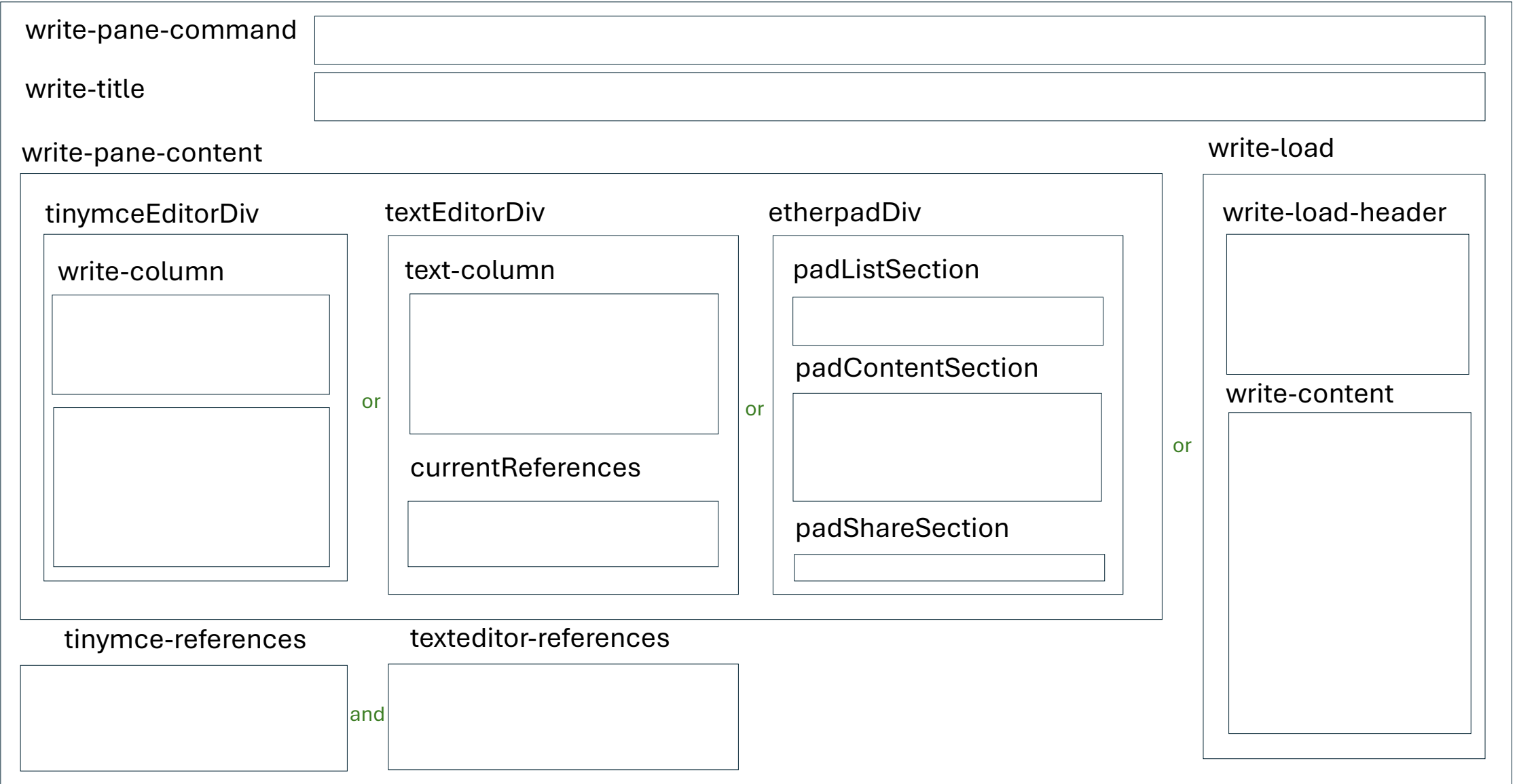


Loading Files

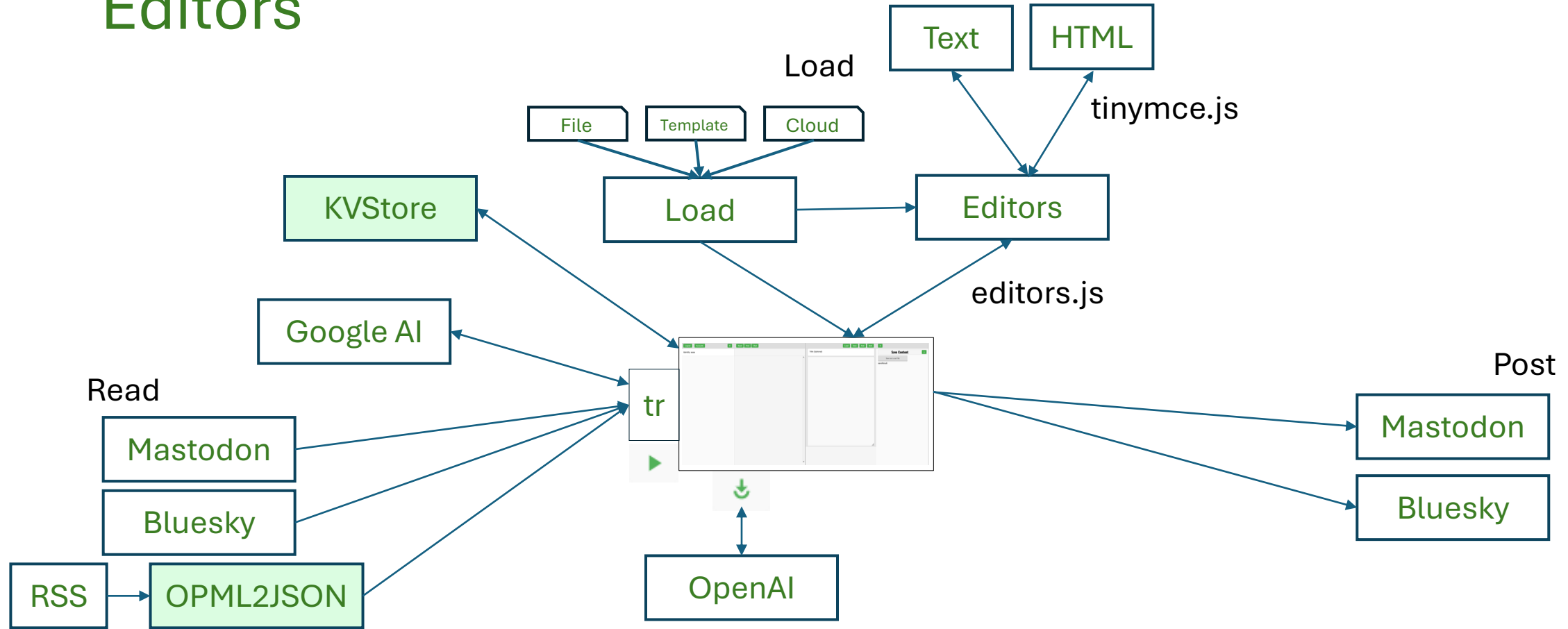
- CList files include editor content plus references
- Any other file in filesystem may be loaded
- Loaded file type may determine editor selection

Write Pane

write-pane



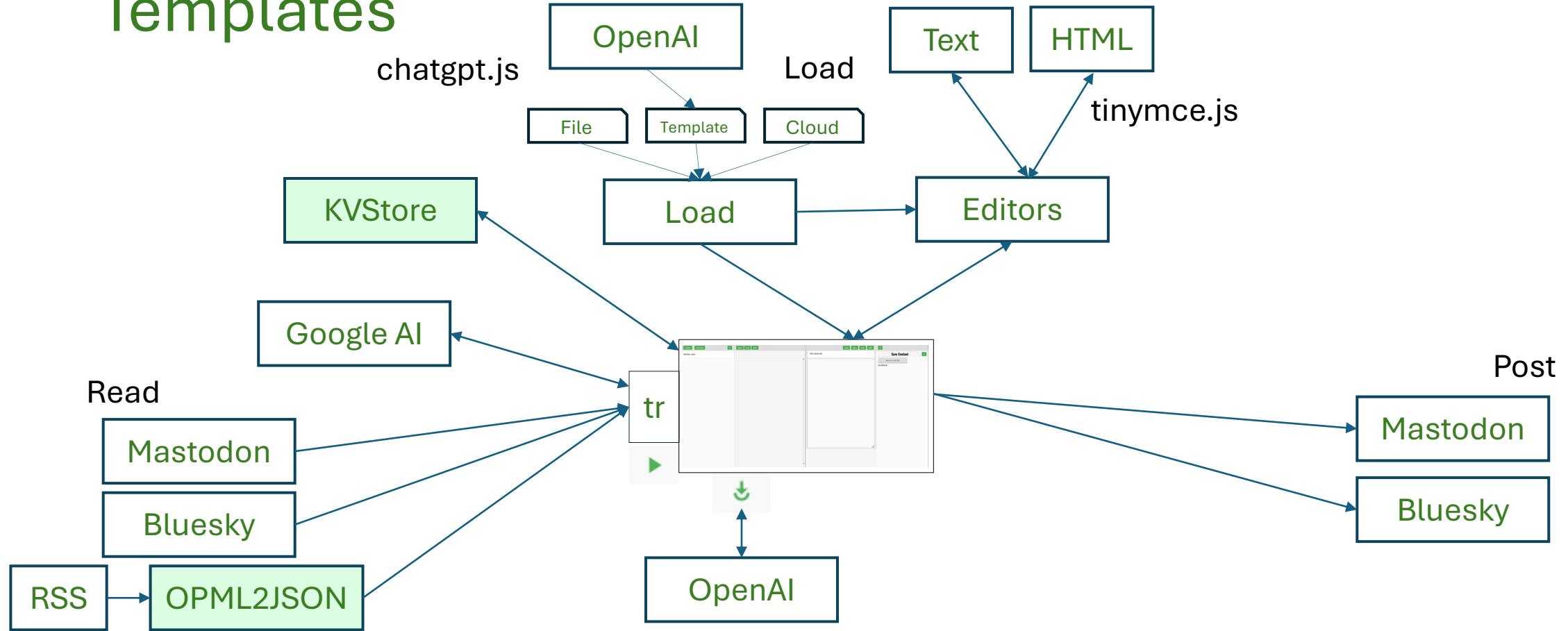
Editors



Selecting Editors

- After content load is selected, editor is selected
- Editor selection may be based on content type
- Future: image editors, games, applications

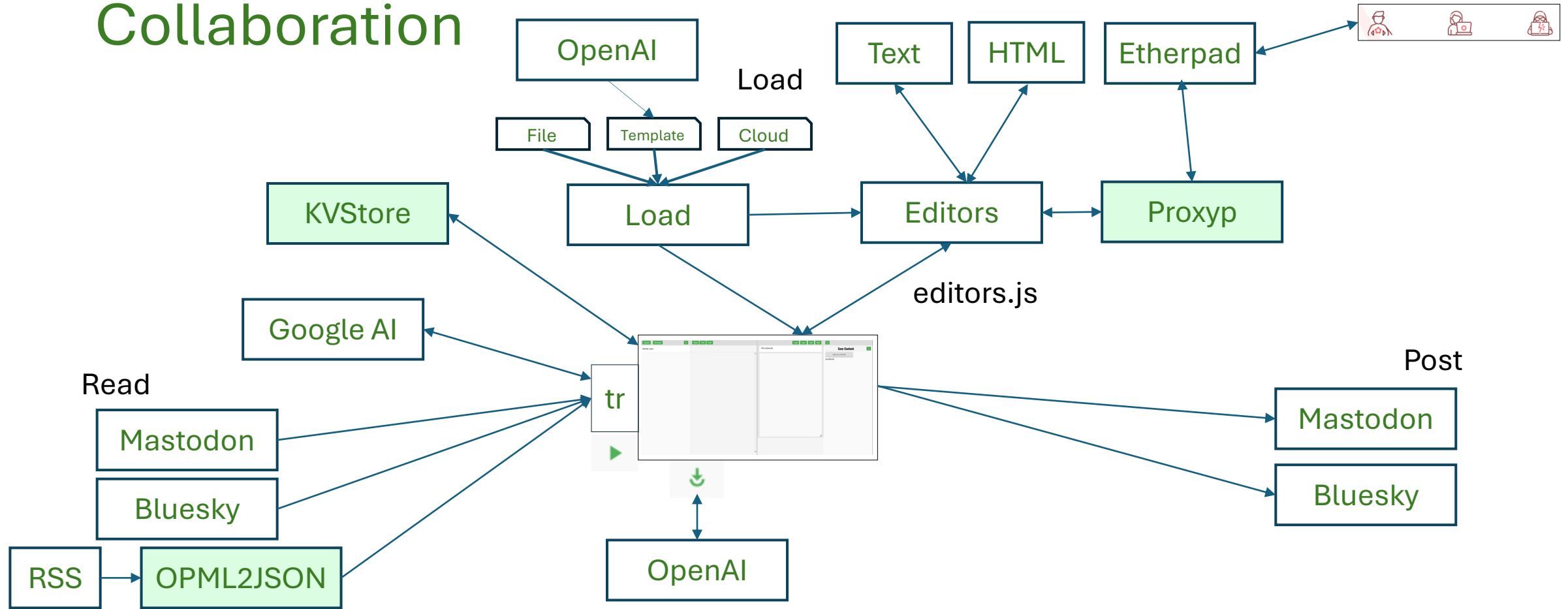
Templates



Predefined or Generated Templates

- Select template from template library (not yet available)
- Generate template on demand from generative AI
- Templates can be editor-specific

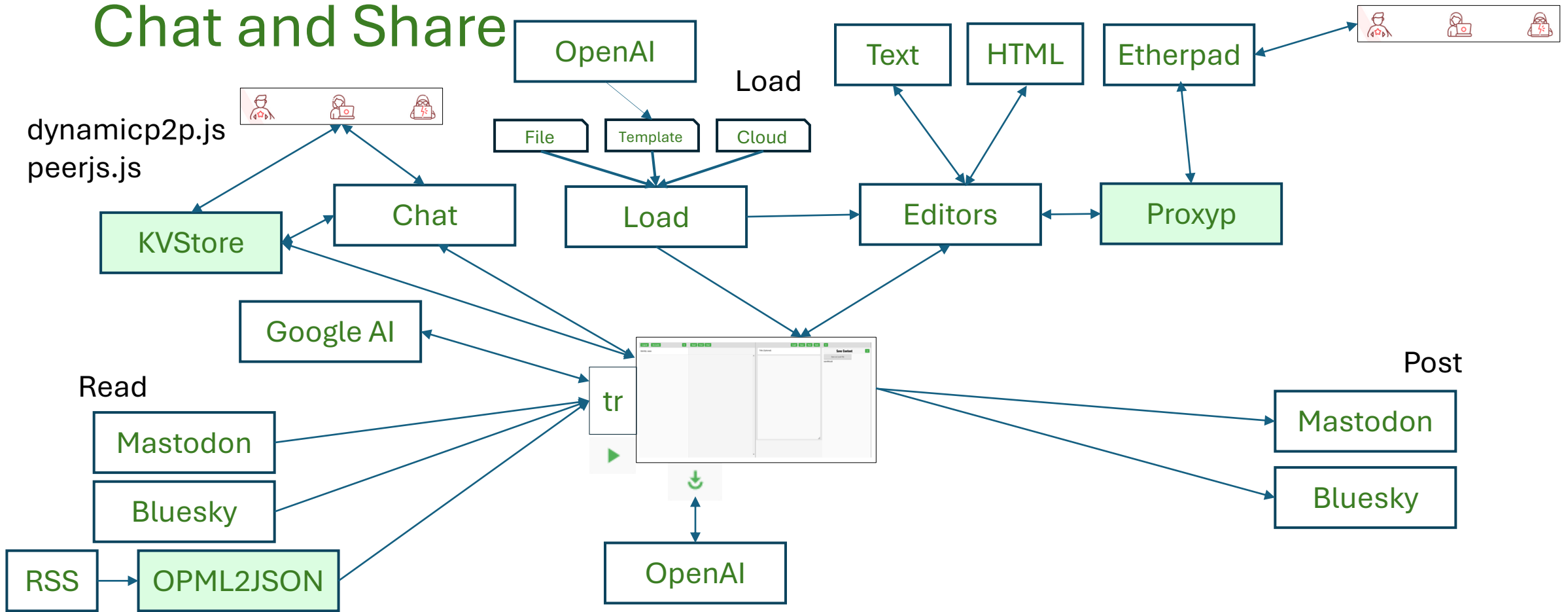
Collaboration



Collaborative Editing

- Editors can support multiple users
- Current configuration supports EtherPad
- In this case, Etherpad is access through proxy server

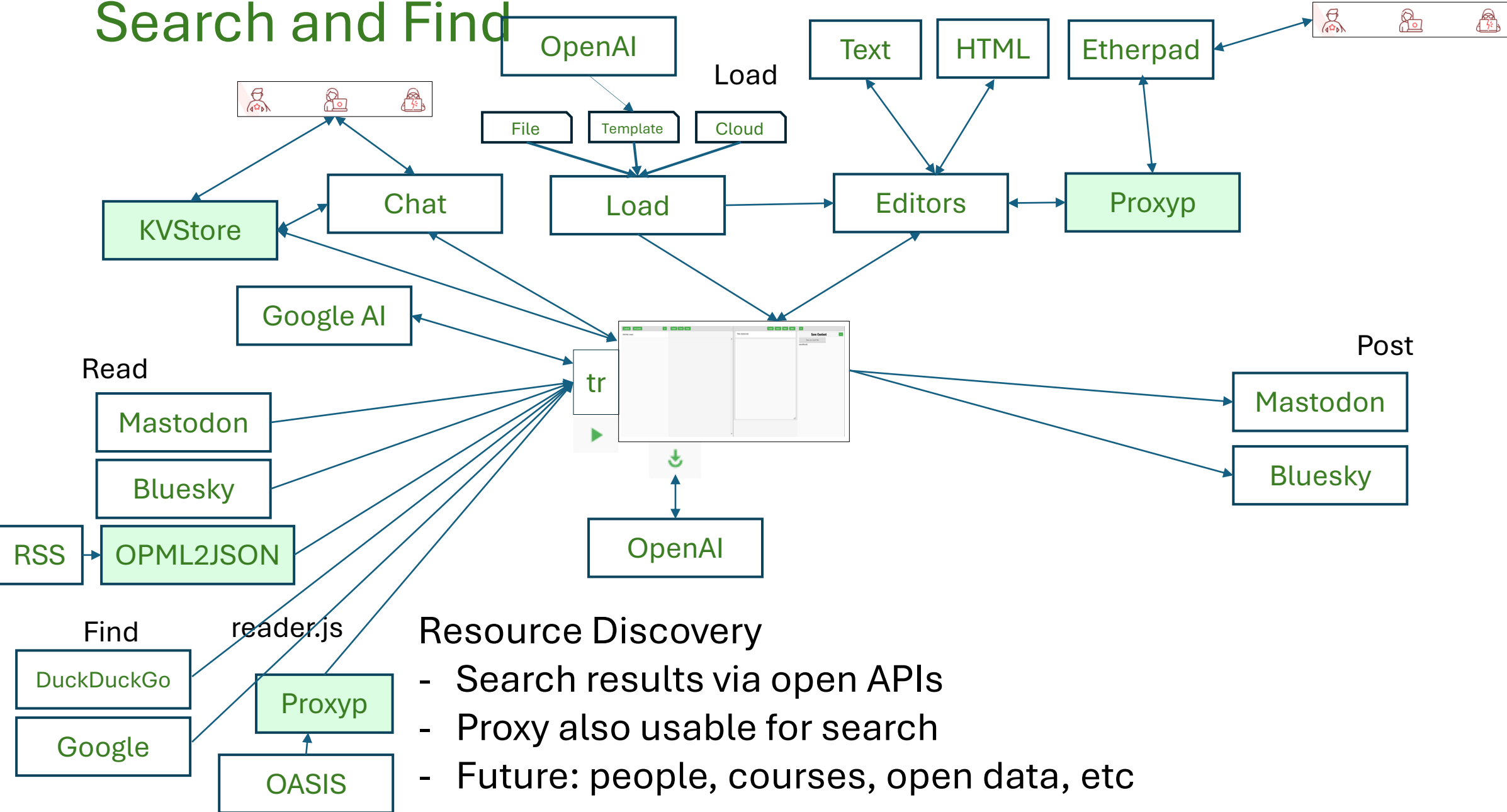
Chat and Share



Peer to Peer Chat

- Discussions are discovered via KVStore
- No central chat server required
- Chat insertion of, e.g., link to join etherpad

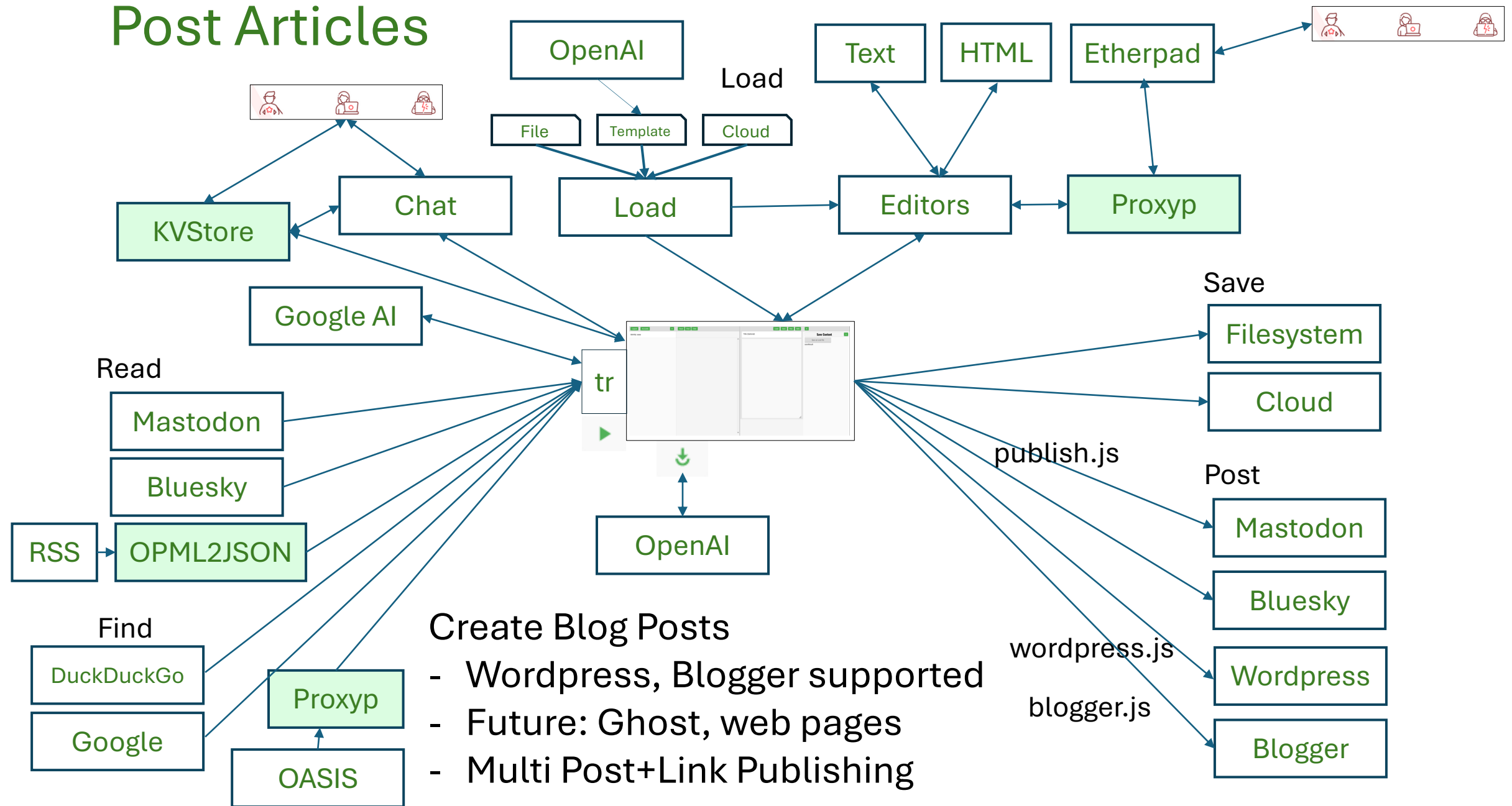
Search and Find



Resource Discovery

- Search results via open APIs
- Proxy also usable for search
- Future: people, courses, open data, etc

Post Articles



Mobile

Logout
Accounts
X

Identity: merle

Manage Accounts
X

Logged in as merle!

Logout

INSTANCE TYPE

Select Instance Type

ACCOUNT TITLE

Title

USERNAME

username@instance.social

PERMISSIONS

Permissions

ACCESS CODE

Access Code

Add Account

Reset Form

Accounts

Downnes

Google Translate

OLDaily

Cosocial

Read
Find
Chat

Post
Following
Bookmarks
Lists
Local

Viewing home feed.

Reblogged by [George Station](#) (@harmonygritz):

[Anthony Dean](#) (@dtgeek) wrote: Good thing media outlets are clinging to Twitter like it's oxygen, and won't quit for anything else (like, um, the multiple media outlets they already own? A blog? Mastodon/Bluesky?).

Elon Musk appears on video at German far right campaign event | Reuters <https://www.reuters.com/wor...>

←
↻
★
📄
🔗

Reblogged by [George Station](#) (@harmonygritz):

[Radley Balko](#) (@radleybalko.bsky.social@bsky.brid.gy) wrote: CNN has now confirmed this. www.cnn.com/2025/01/24/h...

RE: <https://bsky.app/profile/di...>

Load
Save
Post
Refs

Title (Optional)

Anthony Dean (@dtgeek) wrote: Good thing media outlets are clinging to Twitter like it's oxygen, and won't quit for anything else (like, um, the multiple media outlets they already own? A blog? Mastodon/Bluesky?).Elon Musk appears on video at German far right campaign event | Reuters<<https://www.reuters.com/wor...>>

Author Name: Anthony Dean
Author ID: dtgeek
Feed: dtgeek
URL: <https://mastodon.social/@dtgeek/113891649395705015>
Title: Mastodon
Created At: 2025-01-25T23:44:14.111Z
ID: 113891649395705015

X

Post Content

Click on accounts to select then click 'Save'. Contents of the 'Write' panel will be posted on the selected accounts

Downnes

OLDaily

Cosocial

Bluesky

Leftish

Half an Hour

Publish

saveResult

Full Swipe Behavior Logic

Swipe Directions and Transitions

Pane	Swipe Action	Behavior	Target Pane
left-pane	right-to-left	Show read-pane	#read-pane
read-pane	left-to-right	Show left-pane	#left-pane
read-pane	right-to-left	Show write-pane	#write-pane
write-pane	left-to-right	Show read-pane	#read-pane
write-pane	right-to-left	Show right-pane	#right-pane
right-pane	left-to-right	Show write-pane	#write-pane

FediMOOC

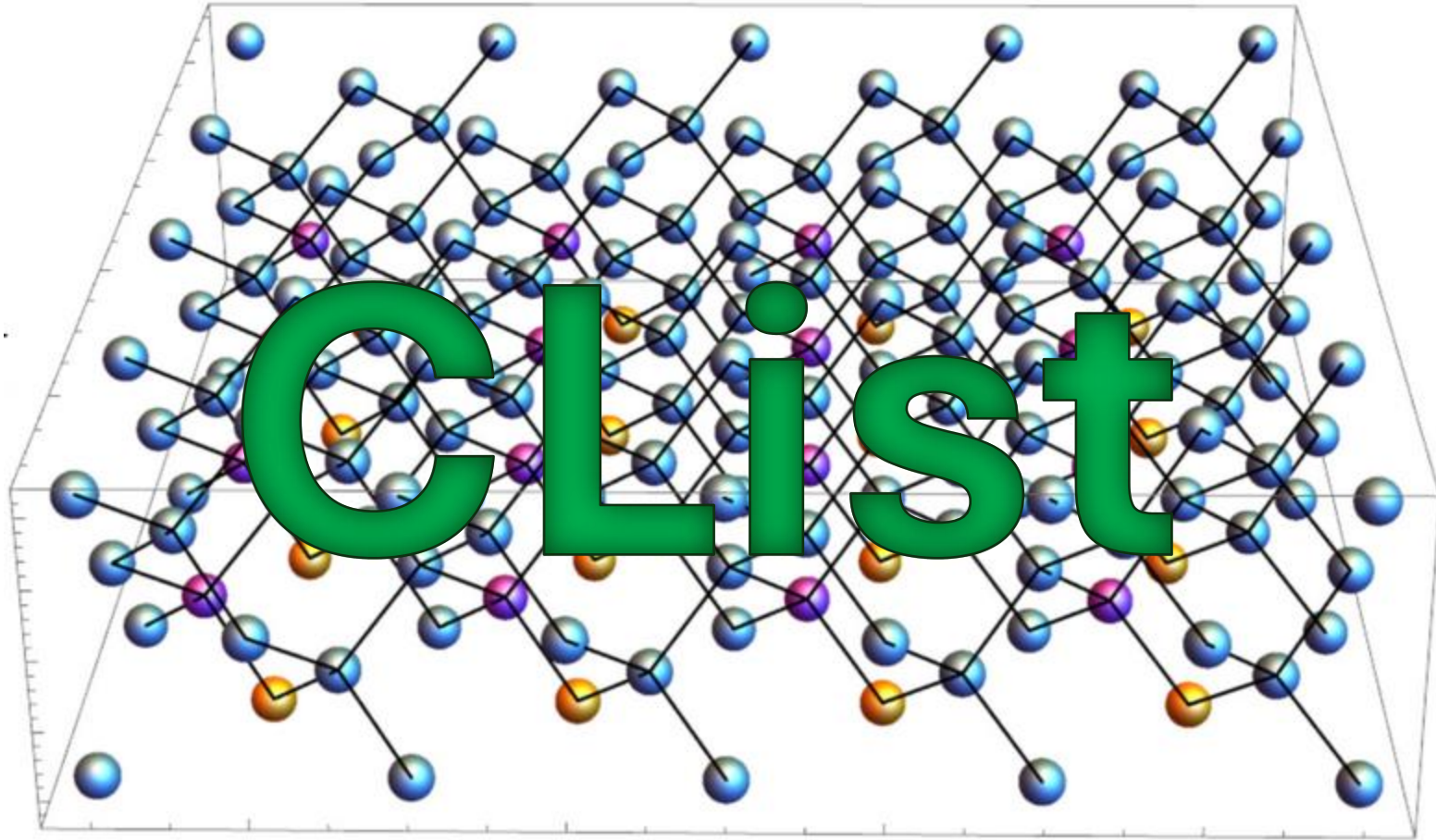


February 17- <https://fedi.mooc.ca/>

What's Next

- **Testing** – people try it and report what's not working
- **Features** – what things do people want most? Roadmap.
- **Applications** – stories describing what it's used for
- **Development** – people suggest fixes and improvements on Github
- **Documentation** – make it easy for people to use
- **Security** – experienced developers lock it down
- **Services** – other people (not just me) host supporting applications
- **Expansion** – other people (not just me) write JS support apps
- **Publicity** – we let people know what's possible
- **Governance** – so this belongs to the community, not just me

Thanks



Stephen Downes ~ stephen@downes.ca ~ <https://www.downes.ca>