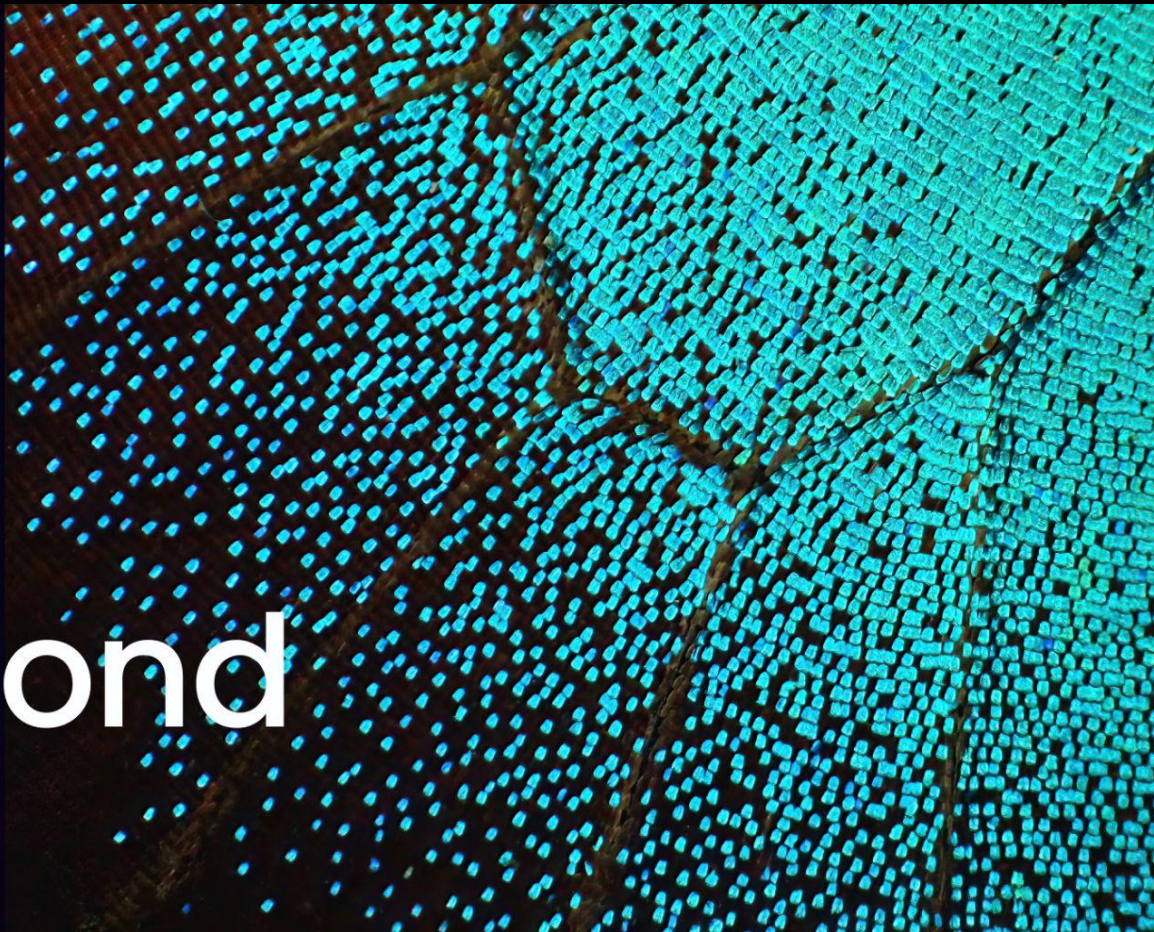




Bluesky and Beyond

Feb 19 // virtual



Growing the ATmosphere

The AT Protocol ecosystem beyond Bluesky and
microblogging

ATprotocol.Dev

Decided to start doing Tech Talks - presentations by and for AT Protocol developers, Aug 2024 <https://atprotocol.dev/>

By December, decided to put on the first in-person community AT Protocol conference aka ATmosphereConf <https://atprotocol.dev/atmosphereconf>

- tech talks with live video have been great
- in-person connections help to build strong ties that carry us through online discussions

ATmosphere

The ATmosphere is what the collection of all the apps and data on the AT Protocol is called.

For example, Recipes!

<https://recipe.exchange>

With a full featured Schema.org data model, attribution, images, etc

👨‍🍳 Chick Peas with Garlic Mouseline

1 1/2 lbs chick peas, cooked

salt and pepper

GARLIC MOUSSELINE

See page 28

3 Add the meat and cooked (o) and cook until heated through

4 Flatten the mixture and pour

5 Brown under broiler until puf



Many data types and app front ends

Here's a small selection of other apps

- WhtWnd: long form blogging <https://whtwnd.com/>
- Smoke Signal: events & rsvps <https://smokesignal.events/>
- Frontpage: hacker news clone that might grow up to be Reddit <https://frontpage.fyi/>
- And cool experimental stuff like Roomy Chat - atproto + localfirst + p2p <https://roomy.chat/>

All of this data is stored in your own user account, and can have multiple client front ends.

What about the clones?

Most of them are client apps that sit on top of the Bluesky microblog Lexicon.

Some of them are starting to add custom Lexicons

I love them all equally but for simplicity will link you to Pinsky, an “Instagram clone” <https://pinsky.app/>



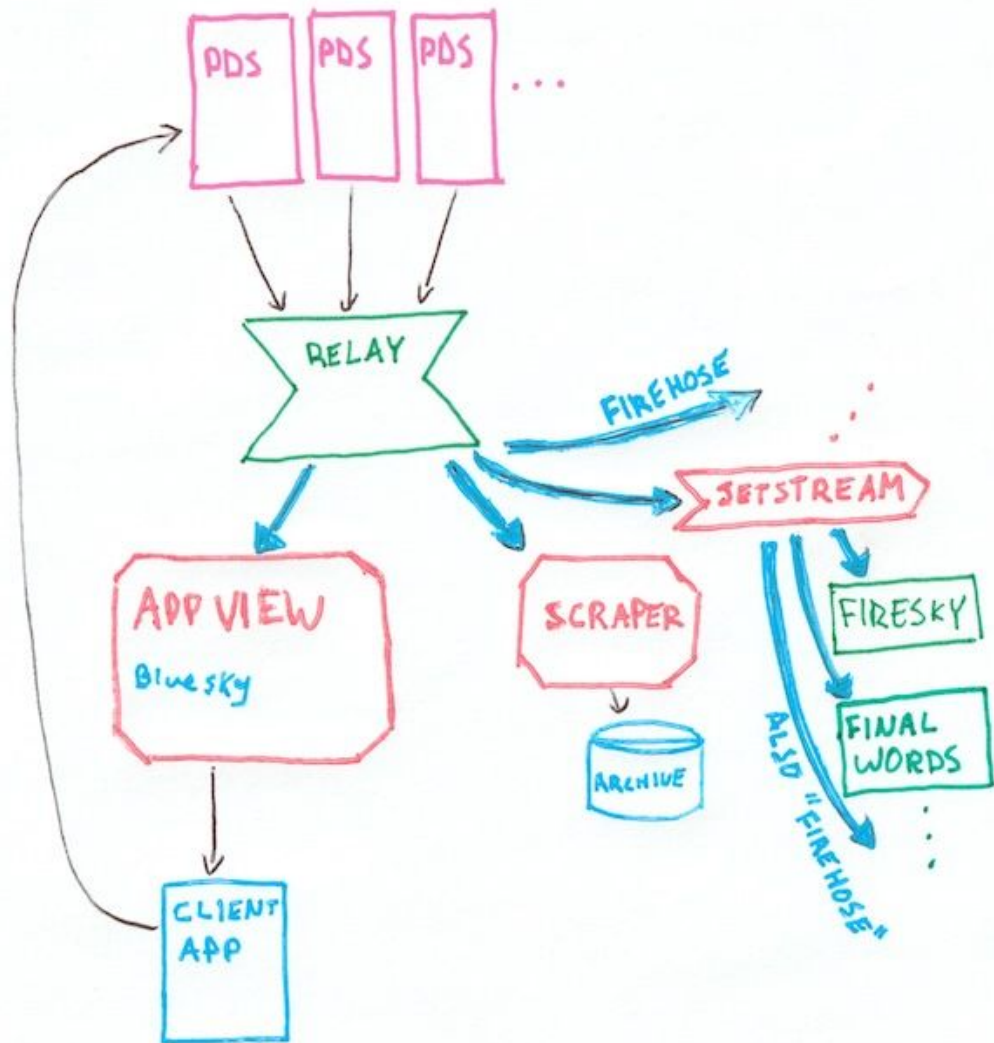
Small AT Protocol

People are generally talking about “small Bluesky” or “alternative Bluesky”.

Can ATproto scale down? 1B links on a homelab RPi

<https://bsky.bad-example.com/can-atproto-scale-down/>

Also many other app architectures:
e.g. Smoke Signal talks to PDS directly



AT Protocol data is public

It's a protocol, anyone can run a firehose (these are cheap to run, more expensive if you keep the data, index it, run search queries, and serve it up as a full AppView)

You delegate your hosting to a Personal Data Server (PDS) which has a repo with all of your data, of all Lexicon types and all apps.

Example: A follow record is stored in your user account, as a record that points to the account (DID) of the user you're following. Same for likes and blocks.

Kind of like HTML – you host a website that has links to point to others.

ActivityPub for nuanced group privacy

I've run/test/administered various ActivityPub servers, mostly microblog (aka "Note") shaped ones.

Am a member of CoSocial <https://blog.cosocial.ca>

Next on my personal list: a Hometown server for my hometown of Bowen Island, to displace Facebook from the core of the community.



Join us in Seattle for talks & working groups

- ATmosphereConf March 22nd & 23rd, Seattle Washington
<https://atprotocol.dev/atmosphereconf>
- Volunteer community organized. Hosted by AT Protocol Community Fund, with fiscal sponsorship by Raft Foundation <https://raft.foundation>
- For this crowd, some of the in progress working group topics
<https://notes.commonscoputer.com/atmosphereconf>
- Try things! Pool funds, pool collaboration, gather and serve what community means to you!