Hungryserv

A Homeserver Optimized for Unfederated Use-Cases

Sumner Evans

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A bit about me

My name is Sumner, I'm a software engineer at Beeper.

- I graduated from Colorado School of Mines in 2019 with a master's in CS.
- I teach as an adjunct professor at my alma mater.
- I enjoy skiing, volleyball, and football (soccer).
- I'm a 4th degree black belt in ATA taekwondo.

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What I work on at Beeper

I am on the newly created *Scaling* team.

Our current objective is to prepare Beeper for rocket-ship growth.

I was previously part of the *Bridges* team.

Notable projects include:

- Writing the LinkedIn bridge
- Implementing massive stability improvements to the Signal bridge.
- Implementing incremental infinite backfill in our WhatsApp and Facebook bridges

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1. A bit about Beeper

2. A bit about Beeper's current architecture

3. Hungryserv

If you have questions at any point, feel free to interrupt me.
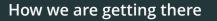
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A bit about Beeper's current architecture

We encourage users to connect **all** of their chat networks.
Each user gets their own bridge for each network they connect.

None of that traffic is federated, but it has to go to Synapse which is designed with federation front-and-center!

Solution: build a homeserver dedicated to unfederated traffic

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Because it's unfed(erated)!