

Hungryserv

A Homeserver Optimized for Unfederated Use-Cases

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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.

I became interested in Matrix when I was the chair of the ACM chapter at Mines. I was looking for an open source chat platform for the club to use, and Matrix fit the bill!

Overview

1. A bit about Beeper
2. A bit about Beeper's current architecture
3. Hungryserv

A bit about Beeper

Beeper's vision

How we are getting there

A bit about Beeper's current architecture

We run a lot of bridges

A diagram

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**

Hungryserv

Why is it hungry?

Because it's unfed(erated)!

Our new architecture