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Connecting disconnected networks



1990's: Connecting disconnected data networks into the internet

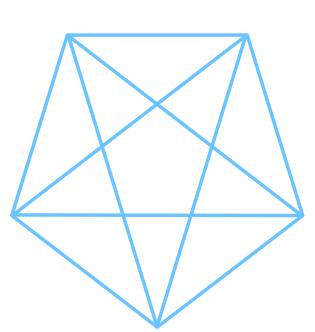
2020's: Connecting disconnected social networks into the Fediverse









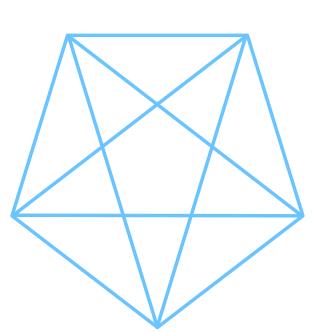
















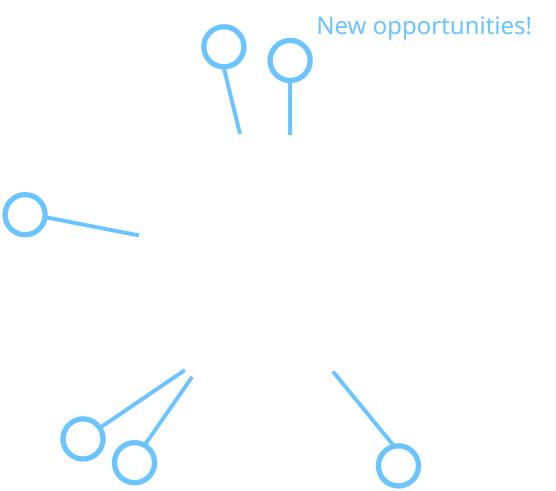












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Fediverse

Connecting disconnected networks

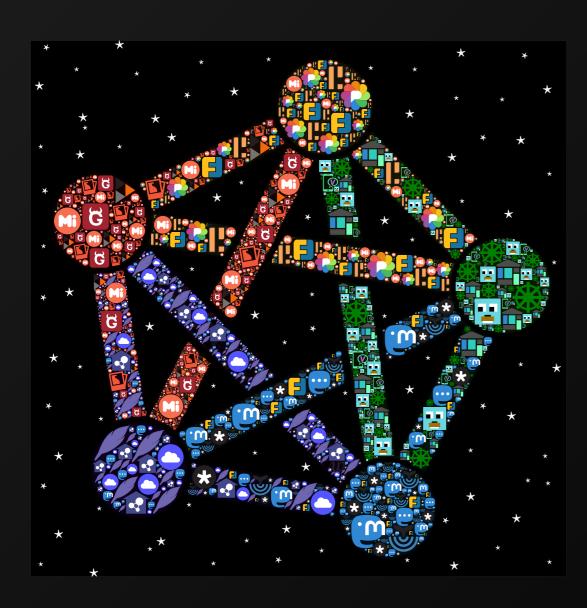
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Amazon Yahoo! AOL Prodigy Internet Ethernet-based Universities office networks Google Ebay Hotmail Token ring-based enterprise networks

2020's: Connecting disconnected social networks into the Fediverse



The ActivityPub Fediverse



Some stats (from fedidb.org)

- > 29,000 servers, growing
- About 10m users, 1m active (+Threads coming)

Software:

- At least 94 independent server-side applications, many client apps
- Implemented in every conceivable programming language and tech stack
- Many open source, some closed/SaaS
- From personal single-instance itch to 200m users on Meta's Threads
- Public, semi-public, private messages

Protocols:

- WebFinger + ActivityPub + ActivityStreams + HTTP Signatures + lots of extensions & conventions, changing all the time
- Symmetric protocols over asymmetric HTTPS