Living federation

Federation for liberation

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LP 2022
Outline

Introduction

Social networking

Others

Conclusion
Email analogy.

**Introduction**

Social networking

Others

Conclusion
Disclaimer

- From perspective of a user
- Not technical
What if..

- Service that you use daily
- Weird change in usage policy
- What would you do?
What if..

- Service that you use daily
- Weird change in usage policy
- What would you do?
  - Put up with it
What if..

- Service that you use daily
- Weird change in usage policy
- What would you do?
  - Put up with it
  - Stop using it
Lesson of Freenode

- IRC still cool, despite its age
- But centralized
- Confined to one server
- Freenode changed rules, exodus followed
Lesson of Freenode

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Net-1

Net-2
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Federation

- Distributed. No central power.
- No one server gets absolute control
- Small self-organizing servers
- Users of any instance can communicate with others
- Many client software
How federation?

- activitypub
- matrix
- ostatus

- diaspora
- xmpp
How federation?

- activitypub
- matrix
- ostatus

Alice

Bob

msg

- diaspora
- xmpp
How federation?

- activitypub
- matrix
- ostatus

- diaspora
- xmpp

Alice

Server (Alice)
How federation?

- activitypub
- matrix
- ostatus

- diaspora
- xmpp

Alice

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Common format
How federation?

- activitypub
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Alice

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Common format

Server (Bob)

- diaspora
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How federation?

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Alice

Server (Alice) — Common format — Server (Bob)

Alice

Bob

msg

Common format
How federation?

- activitypub
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Alice

Server (Alice) — Common format — Server (Bob)

Bob

Alice

msg

msg
Social networking

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Social networking

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Conclusion
Mastodon/Pleroma

• Sort of like twitter
• Many clients: web/phone/terminal
• Many forms: glitch-soc, hometown
Mastodon: Timeline

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Satoshi Kojima @skoji@bookwrm.ms
#おはようございますマストドン #ogmastdn

snake boy boosted

IvaFakeName (ACAB, Villain) @Ivafakename@efdn.club
Good morning, this is not a greeting it's a review, the morning was good, solid 7/10

snake boy boosted

Bucky the Sheep @Buckythesheep@sncuts.online
Meat safety tip: germs can't climb walls

zunda イはありません @zundan@mastodon.zunda.ninja
最上川
おやつもくもく
ビルド待ち

とねず @Minoh-don（Late Bloomer） @tonej@minohdon.jp
おはようございます。#mastwi

Josef @jk
computer having a problem... ?? check the timing belt..... for 4 GHz like you have these days ?? the gear ratios are immense. I lots of torque needed for that kind of speed. I can tell ya
• Similar to a federated Instagram
edythe97 Consequatur quo eum ut quo quia labore molestiae ipsum. Consequatur est id corrupti suscipit quo sequi. Quia dicta expedita qui molestiae aperiam. Placeat

Read more...
• Diaspora
• Friendica
• GNU Social
Even more

- Writefreely
- Wordpress activitypub plugin
- Mumble
• Live streams
• No need of ads!
• Federation: Shared video catalogue
• Peer-to-peer streaming
• Live streams
• No need of ads!
• Federation: Shared video catalogue
• Peer-to-peer streaming
• Sepia search engine
• Live streams
• No need of ads!
• Federation: Shared video catalogue
• Peer-to-peer streaming
• Sepia search engine
• ’Import’ videos from YT
Can’t let go of ‘unfederation’?

• Could use cross-posters
• Listen to reactions on fedi as well!
• Instead of fb events, meetup
• Similar: gettogether (no ActivityPub)
• Bridges to gitter, XMPP, IRC
• Used at FOSDEM and SeaGL
• Similar: Gitter
Others

Introduction

Social networking

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Conclusion
• No! to walled gardens
• git meant to be decentralized
• sourcehut comes close
• Federated forges are getting ready
Code forges

- No! to walled gardens
- git meant to be decentralized
- sourcehut comes close
- Federated forges are getting ready
- No tracking
- Or better yet, no javascript
  - Like sourcehut
Conclusion

Introduction

Social networking

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Conclusion
Old still gold

- RSS/Atom feeds
  - jsonfeed, tw.txt
- Plain text email
  - Mailing lists
Caution

- There are all sorts of servers out there
- Choose one aligned with your interests
- Servers have rules
Benefits

- Not happy with server? Hop into another!
- Export and import your data
- Everyone needn’t be on same server
- No single point of failure. Robust
- Server load distributed
- Self-host if you like!
- Free software
Censorship

• Less chances of censorship
• Unmoderated servers: Needn’t federate
Privacy

- Option to choose server
- No need of creepy ads
- Community oriented
- You needn’t be product
- Delete old posts
Caveats

• As good as server admin
Thanks!
Thanks!

Questions?
<table>
<thead>
<tr>
<th>Unfedi</th>
<th>Mastodon</th>
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<tbody>
<tr>
<td>tweet</td>
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<tr>
<td>retweet</td>
<td>boost/reblog</td>
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<tr>
<td>like</td>
<td>favorite</td>
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### ActivityPub support

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Mastodon</td>
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<td>✔️</td>
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<td>PixelFed</td>
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<td>Diaspora</td>
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<tr>
<td>gettogether</td>
<td>✗</td>
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Peertube p2p
<table>
<thead>
<tr>
<th>Term</th>
<th>Description</th>
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<tbody>
<tr>
<td>Fediverse</td>
<td>ActivityPub + OStatus</td>
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