

about:Fediverse

A short introduction to
the Fediverse

9 November 2024 · SFSCON, Bolzano

Tobias Diekershoff · System Hacker · fsfe.org/about/tobiasd





about:Me

FLOSS enthusiast from Berlin/Germany

Volunteer & System Hacker @ **FSFE**

Friendica Developer

Friendica is a FLOSS Social Networking Platform that is part of the **Fediverse** since 2010.

Slides at git.fsfe.org/tobiasd/talks

about:Fediverse

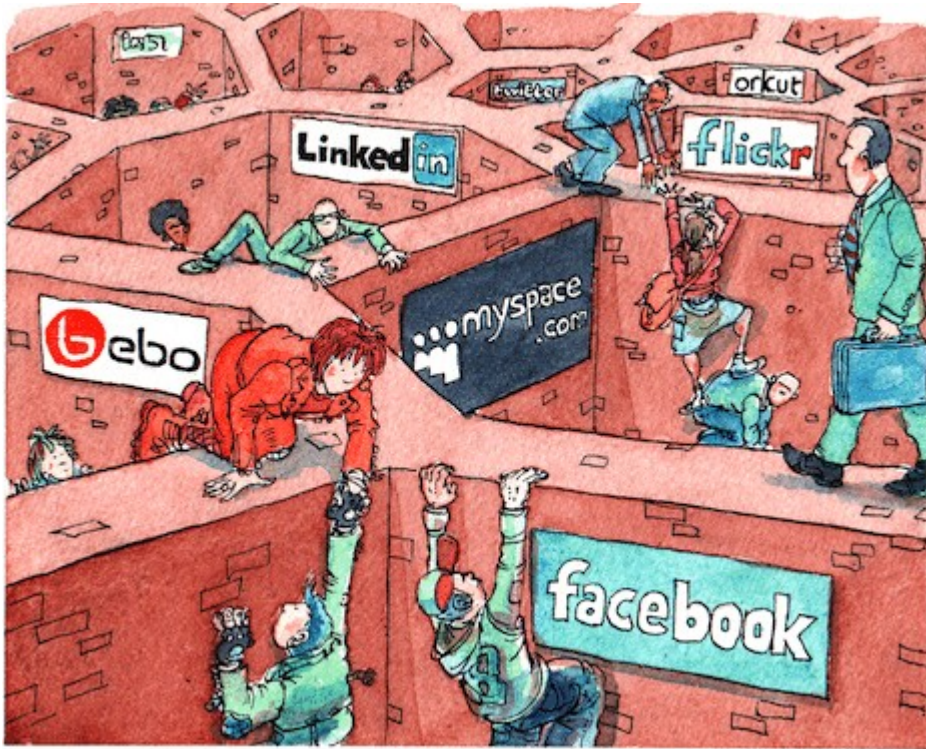


- What is wrong with Walled Gardens?
- The idea of the **Fediverse**
- How does **ActivityPub** work?
- What can we do in the Fediverse
- How to **start**

„The **fediverse** (commonly shortened to fedi) is a collection of social networking services that can communicate with each other (formally known as federation) using a common protocol. Users of different websites can send and receive status updates, multimedia files and other data across the network. The term fediverse is a portmanteau of "**federation**" and "**universe**".

-- Wikipedia

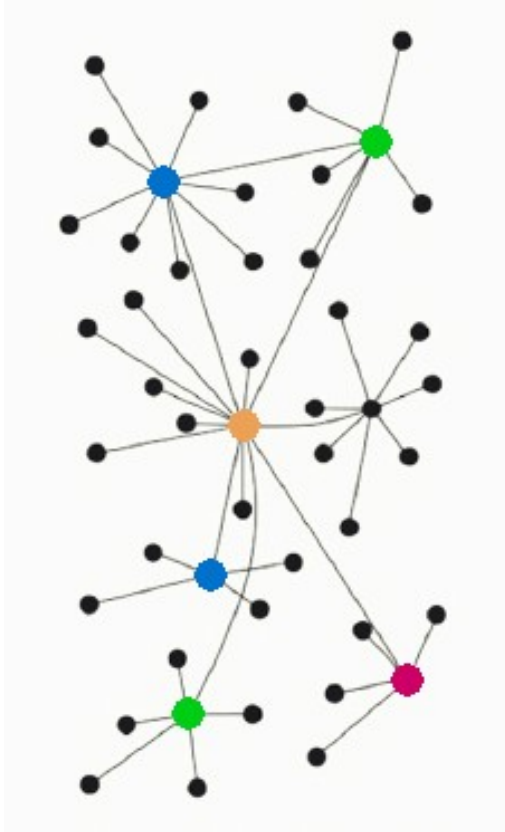
About: Walled Gardens



Social Networking Sites as Walled Gardens by David Simonds,
The Economist, 19 March 2008

- Centralized Platforms
- **No** interaction among users of **different** platforms
- Mostly **Ad** driven pushing relevant postings to keep users online
- Moderation issues
- What happens if the platform is sold and the new owner is not so cool?

about:Fediverse



„The **fediverse** is a collection of social networking services that can communicate with each other using a common protocol. Users of different websites can send and receive status updates, multimedia files and other data across the network. The term fediverse is a portmanteau of "**federation**" and "**universe**"

-- Wikipedia

- **Communities** operate independent Social Media platforms for themselves
- Moderation following local rules and the communities needs
- Users can interact regardless of the Social Media service they use

about:ActivityPub



ActivityPub

- **Open Standard** for Server-to-Server and Client-to-Server communication
- Published 2018 by the W3C Social Web Community Group



@cwebber



@erincandescent



@evan



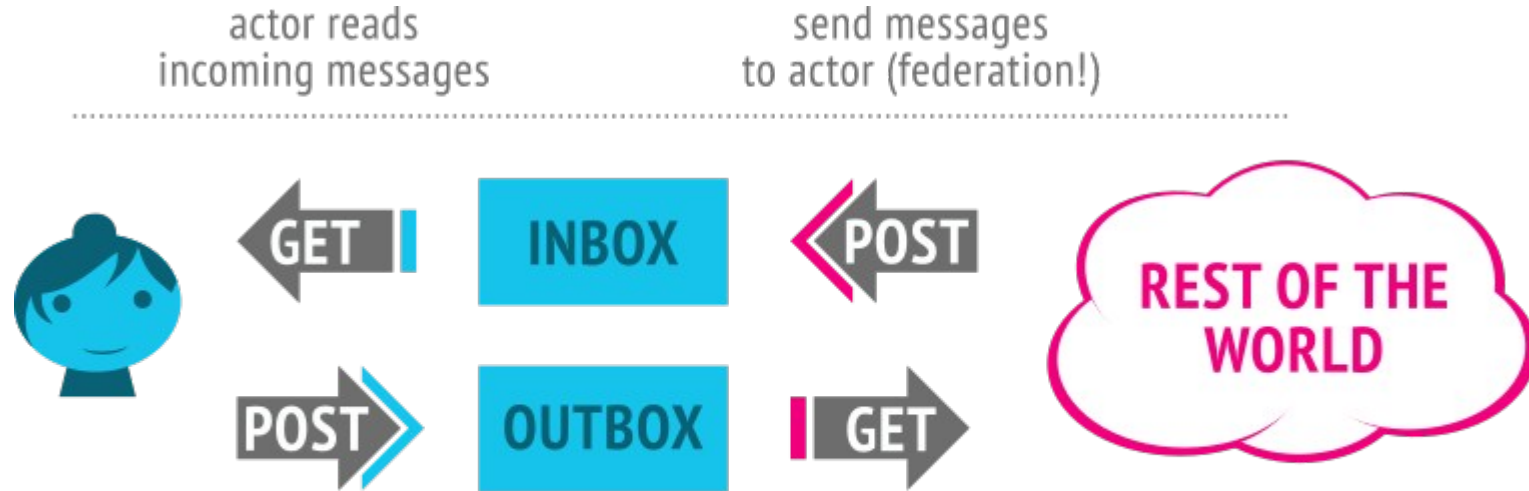
@rhiaro



@tsysesika



about:ActivityPub



actor reads incoming messages

send messages to actor (federation!)

actor sends messages / posts content

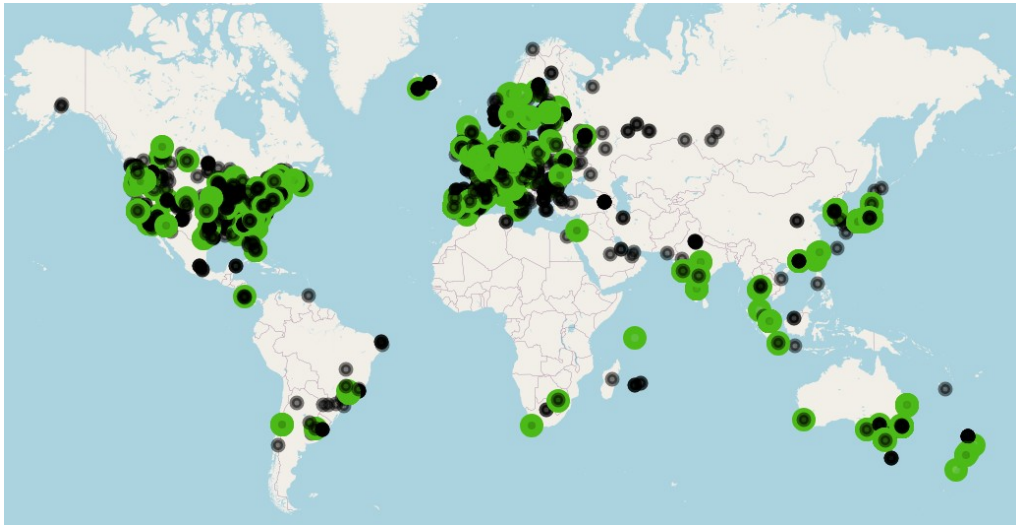
outside world can read messages from actor

Concept of ActivityPub (activitypub.rocks)



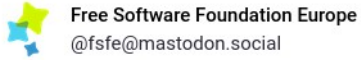
about:Fediverse

- Fediverse 2024
 - ~14.000.000 accounts
 - ~20.000 communities



- Possible Services
 - Micro Blogs: Akoma, Mastodon, Sharky
 - Macro Blogs: Friendica, Hubzilla
 - Video Blogs: Peertube, OwnCast, loops
 - Image Stories: Pixelfed
 - Podcaster: Castropod
 - Websites: Wordpress, Drupal
 - ...
- Who is already there
 - Private persons
 - Associations, NGOs
 - Academics, Artists
 - Public authorities

about:Fediverse



Ready for @sfscn We are excited to be back in Bolzano on 8 and 9 November! 🤖

★ We will be there with a booth, talks and workshops, and more!

We cannot wait to know who is winning the 2024 European SFS Award 🏆 and to meet the students participating in the #EduLife project as well as the rest of the #FreeSoftware community 😊

fsfe.org/news/2024/news-202411...



FSFE - Free Software Foundation Europe

Where the FSFE Shapes the Future: SFSCON 2024! - FSFE

We are excited to be back for the South Tyrol Free Software Conference (SFSCON) o...

Anmelden

AUF FSFE-TUBE

- Entdecken
- Beliebt
- Kürzlich hinzugefügt
- Lokale Videos

Meine Einstellungen

Info

Sprache: Deutsch

Kontakt Hilfe FAQ Statistiken

API Tastenkürzel

basierend auf PeerTube © 2015-2024

Ada & Zangemann - A Tale of Software, Skateboards, and Raspberry Ice Cream

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👍 31 🗨️ UNTERSTÜTZUNG 🔄 TEILEN 📄 HERUNTERLADEN ...

FSFE Main Channel [Abonnieren](#)

Matvii Jarosh matvii_jarosh@peertube.in.ua Vor 2 Wochen
thanks you!
Antworten

Peter Teter 7eter@dalek.zone Vor 2 Wochen
Wonderful! 🥳
Antworten



about:Fediverse



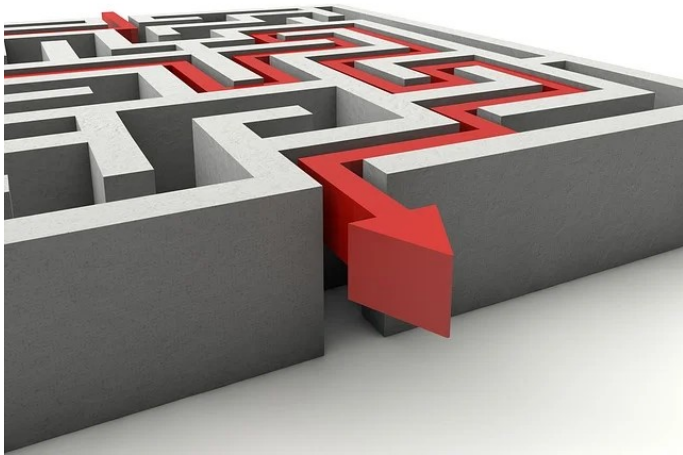
Illustration of the Expanded-Instances network
Lucio La Cava et al. 2021

- Donation based services without the need to maximize their profit
- Easily change the service
- Interaction in the global Fediverse beyond the borders of your service
- Chronological timeline, no sorting by the operators to push *important* content
- Moderation tools at the hands of users and service providers.
- **Open Standards** and **Free Software**

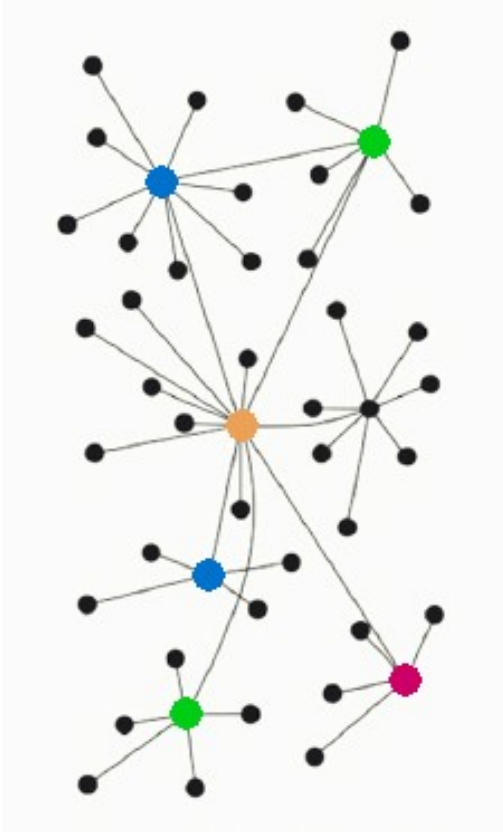
enter:Fediverse

livellosegreto.it
poliverso.org
toot.lugbz.social

- Server directories
 - fediverso.info/#istanze
 - fedi.directory
 - joinmastodon.org/it/servers
 - www.fediverse.to



enter:Fediverse



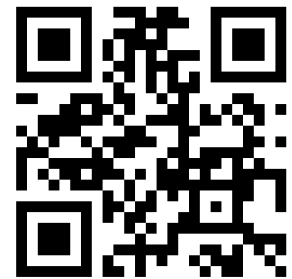
- Find a nice community (local or topic)
- **Take some friends with you!**
- Post an introduction about yourself, tag it with **#NewHere** and **#Introductions** then pin it.
- **#FediMeetup** fun offline meetings
- Follow: [@fsfe@mastodon.social](https://mstdn.social/@fsfe)

support:FSFE

Become part of the movement for Software Freedom



my.fsfe.org/donate



about:Graphics

- *Decentral Networks* by Paul Baran et al. 1964
- *Social Networking Sites as Wallet Gardens* by David Simonds
- *Illustration of the Expanded-Instances network* by Lucio La Cava et al. 2021

License of the slides



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