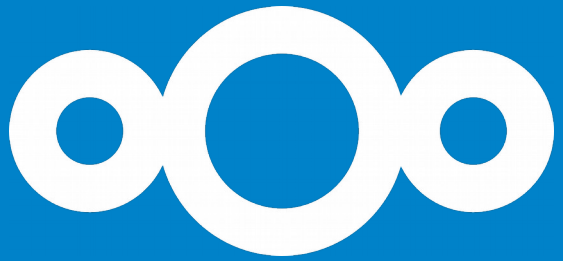

Nextcloud

Decentralize the way we share, sync and collaborate

Björn Schießle www.schiessle.org @schiessle bjoern@mastodon.social

About Me

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schiessle
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@schiessle

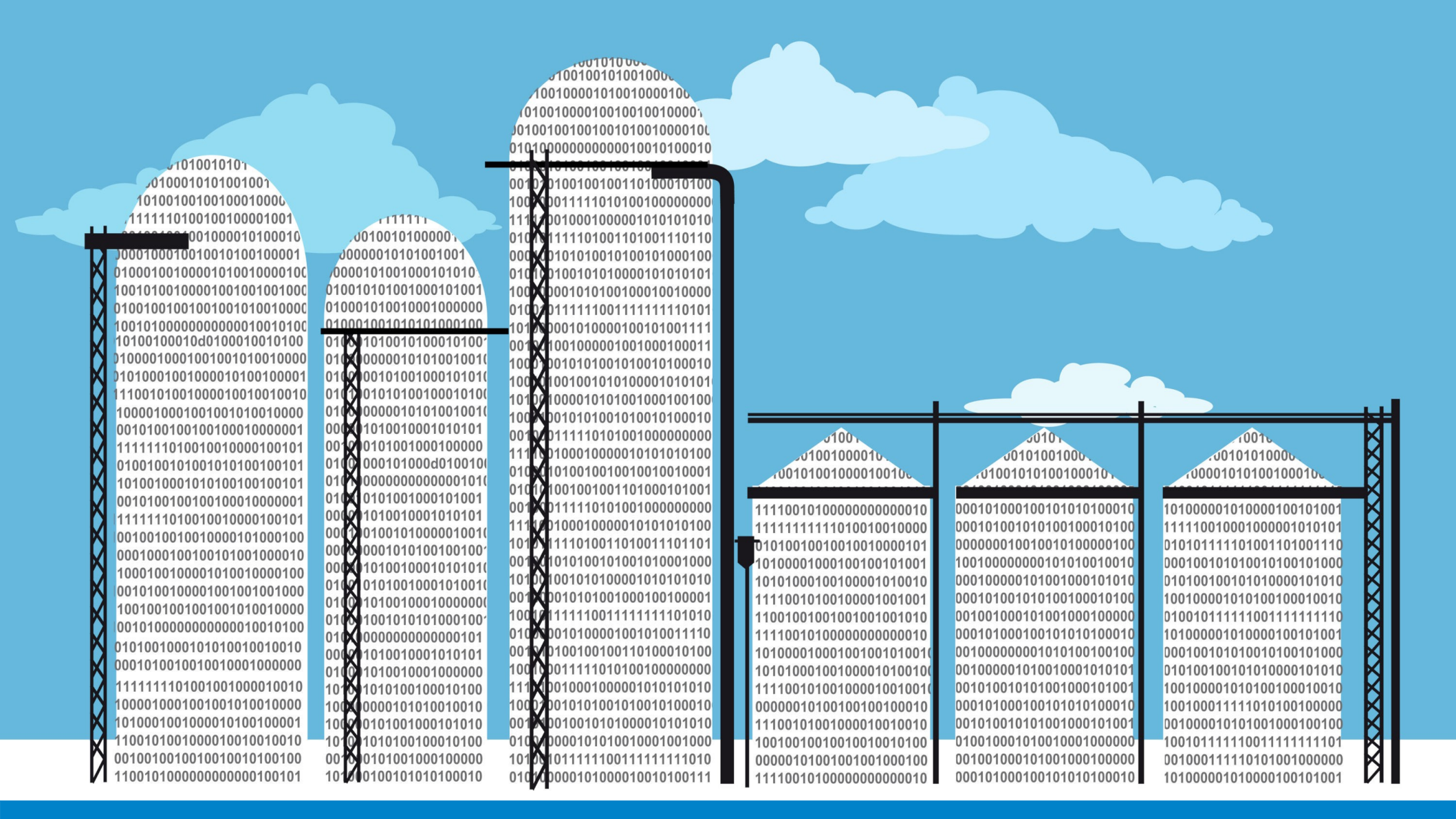
Björn Schießle

Free Software activist for 20+ years

Building free, decentralized and open cloud platforms for 6+ years

Co-founder of Nextcloud

The Problem we are facing



The Solution?

0. RUN

1. STUDY

4 THE FREEDOMS of Free Software

3. SHARE

4. IMPROVE

Meet Nextcloud

The DNA

- 100% Free Software
  - GNU AGPLv3 / GNU GPLv3
- Based on Open Standards
  - WebDAV, CalDAV, CardDav
  - Rest-API's
  - Open Cloud Mesh
- Self-Hosted / Decentralized
  - Run your own Nextcloud
  - Choose a provider
- Federated
  - Connect Nextclouds through Cloud Federation

puppies

	Name	Size	Modified
☆	7E55E-BRN.jpg	735 KB	2 days ago
☆	C. strife.jpg	228 KB	2 days ago
☆	justmakeit.jpg	335 KB	2 days ago
☆	Kiwi NZ.jpg	80 KB	2 days ago
☆	NateOne.jpg	338 KB	2 days ago
☆	nickso.jpg	309 KB	2 days ago
☆	origamiancy.jpg	337 KB	2 days ago
☆	Pellaea.jpg	64 KB	2 days ago
☆	trippinlarry.jpg	696 KB	2 days ago
☆	www.petian.net.jpg	301 KB	2 days ago
	10 files	3.3 MB	

justmakeit.jpg

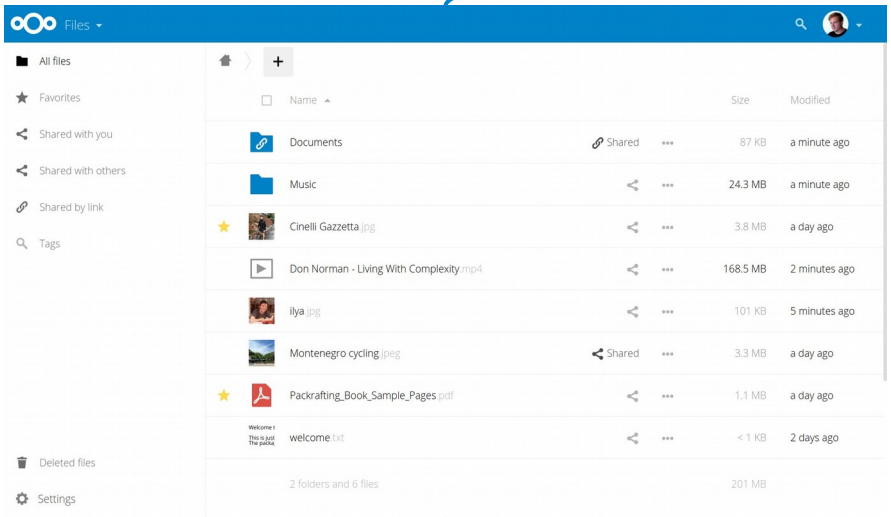
★ 335 KB, 2 days ago

Comments **Sharing** Versions

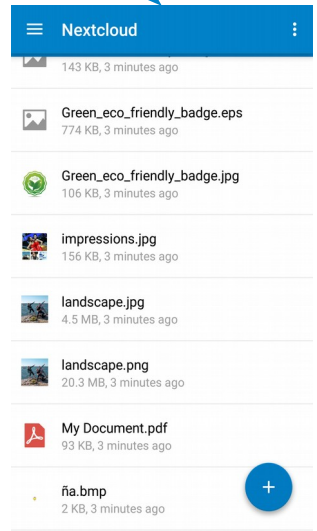
animal

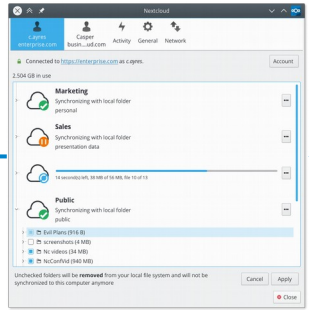
A animals (group)

A animal fans (Personal Circle, dogfan)

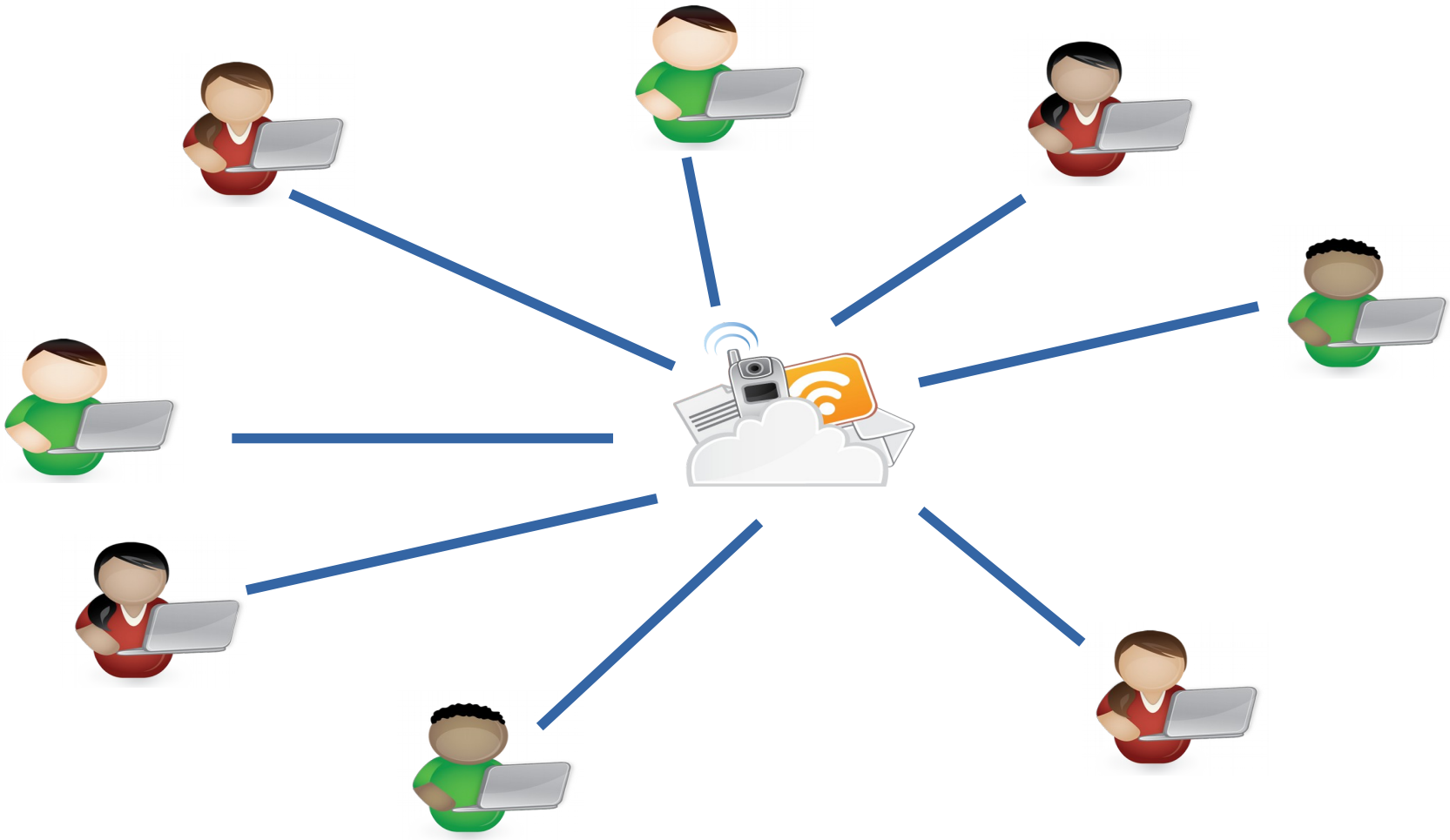


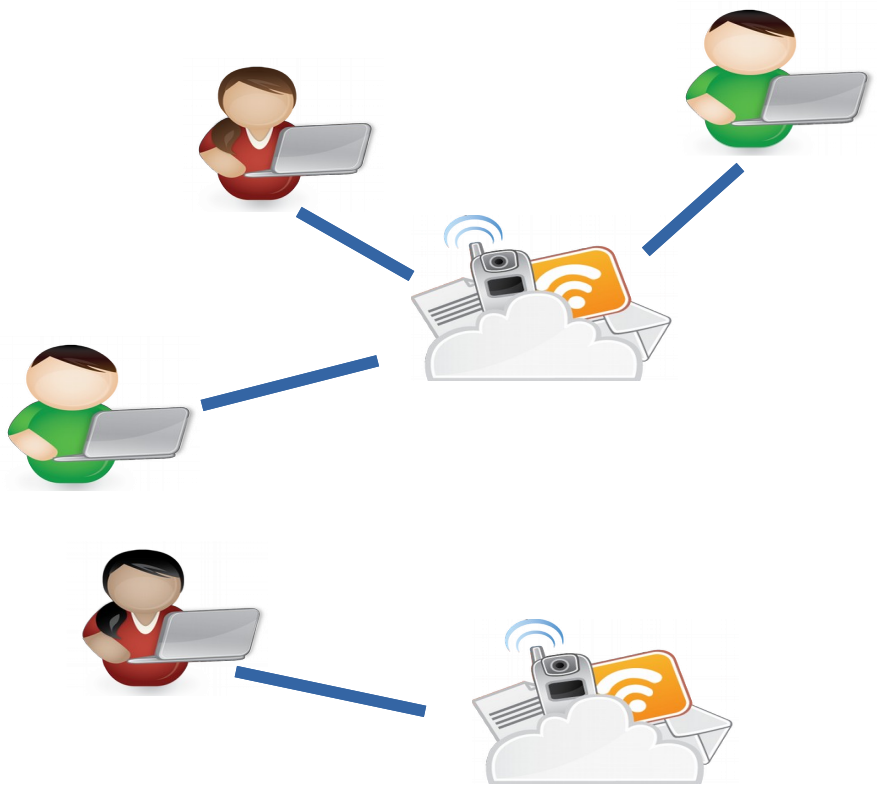
File
Sync
&
Share

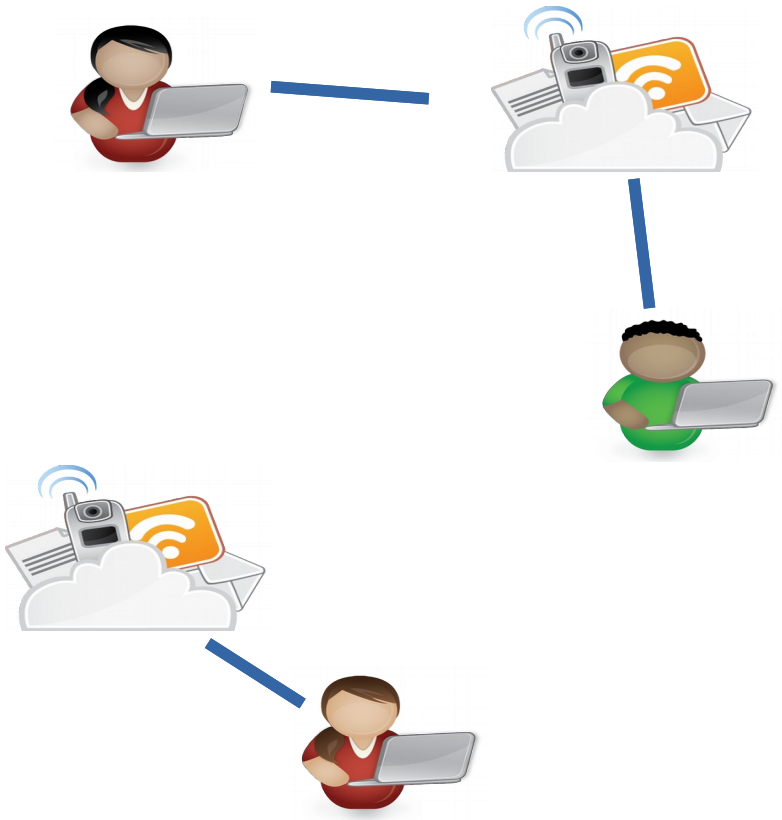


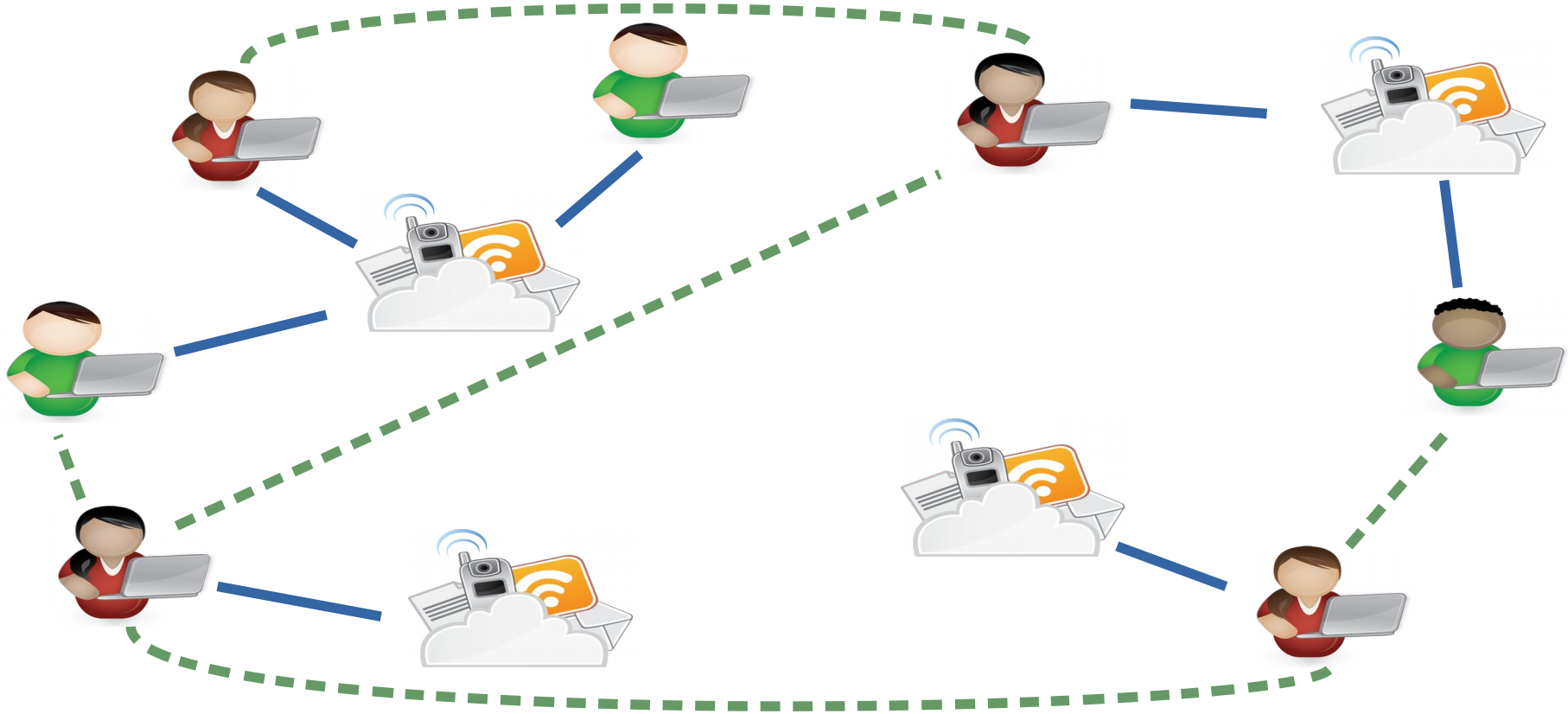


Great, but...









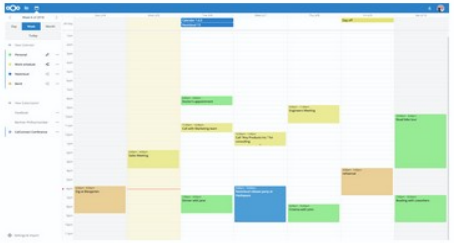
Cloud Federation

- Every user has a cloud ID, similar to an email address, e.g. user@my.nextcloud.com
- REST API to send shares to another server
- WebDAV to access the files
- Vendor neutral standard: Open Cloud Mesh

Not just Files

All apps
Customization
Files
Games
Integration
Monitoring
Multimedia
Office & text
Organization
Search
Security
Social & communication
Tools

Rating | Rating (recent) | Latest | Alphabetical | Featured

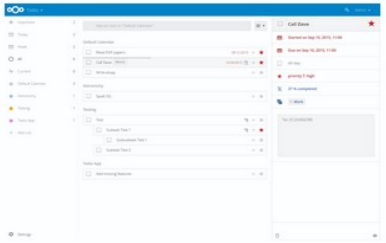


Calendar

A Calendar app for Nextcloud

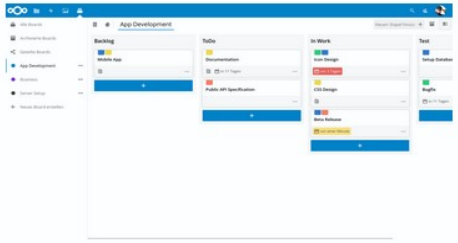
Markdown Editor

A Markdown Editor with live preview



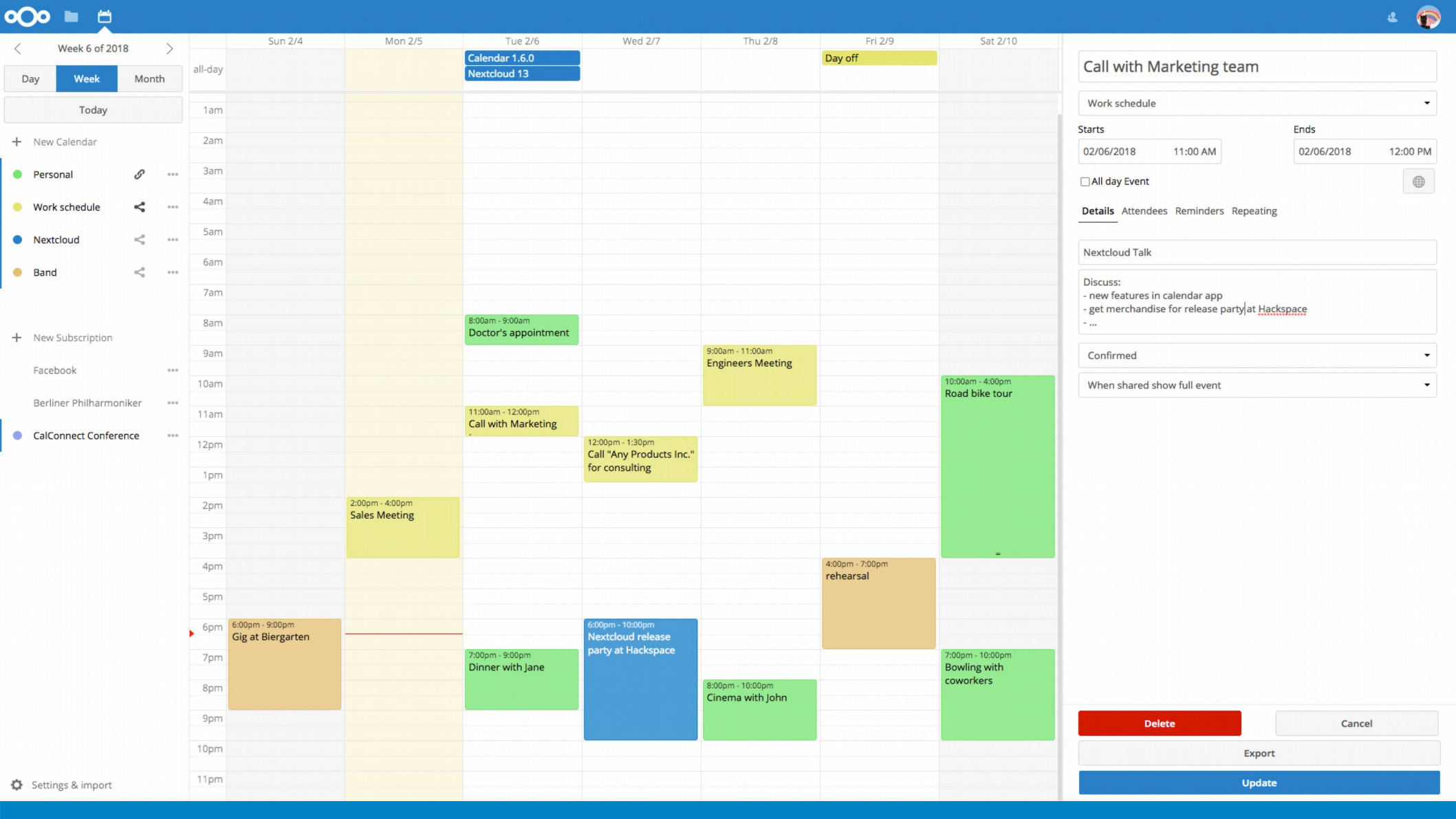
Tasks

The Tasks app for Nextcloud



Deck

A kanban style project and personal manage...


Week 6 of 2018
Day
Week
Month
Today
New Calendar
Personal
Work schedule
Nextcloud
Band
New Subscription
Facebook
Berliner Philharmoniker
CalConnect Conference
Settings & import
Sun 2/4
Mon 2/5
Tue 2/6
Wed 2/7
Thu 2/8
Fri 2/9
Sat 2/10
all-day
Calendar 1.6.0
Nextcloud 13
Day off
8:00am - 9:00am
Doctor's appointment
9:00am - 11:00am
Engineers Meeting
10:00am - 4:00pm
Road bike tour
11:00am - 12:00pm
Call with Marketing
12:00pm - 1:30pm
Call "Any Products Inc." for consulting
2:00pm - 4:00pm
Sales Meeting
4:00pm - 7:00pm
rehearsal
6:00pm - 9:00pm
Gig at Biergarten
6:00pm - 10:00pm
Nextcloud release party at Hackspace
7:00pm - 9:00pm
Dinner with Jane
8:00pm - 10:00pm
Cinema with John
7:00pm - 10:00pm
Bowling with coworkers
Call with Marketing team
Work schedule
Starts
02/06/2018
11:00 AM
Ends
02/06/2018
12:00 PM
All day Event
Details
Attendees
Reminders
Repeating
Nextcloud Talk
Discuss:
- new features in calendar app
- get merchandise for release party at Hackspace
- ...
Confirmed
When shared show full event
Delete
Cancel
Export
Update

Contacts

dave

All contacts

Not grouped

Add contact

Adrian Smith

Janick Gers

Nicko McBrain

Steve Harris

Adrian Smith

Iron Maiden ing vocals, keyboards

Home Phone

Home Email

Home

Post Offic...

Address

Postal Code

City

State or p...

Country

Groups Groups

Add field ...

Settings

default

Share with users or groups

musicians (group) - can edit

Address book name

Import

Collabora Online

File Edit View Insert Cells Help

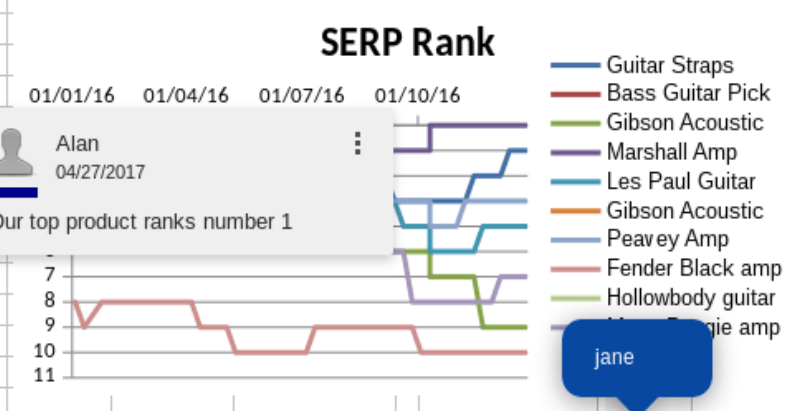
Calibri 11

=$Data.E4

GuitarShopExample.com

1/1/2016 - 12/31/2016

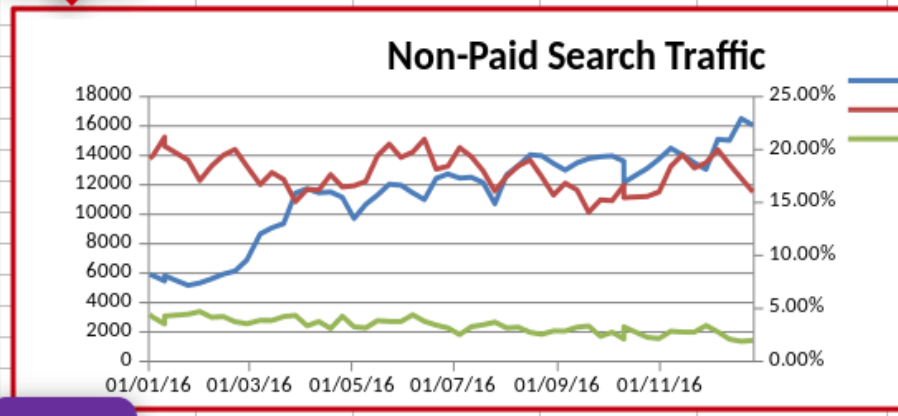
Top Keywords
Guitar Straps
Bass Guitar Pick
Gibson Acoustic
Marshall Amp
Les Paul Guitar
Gibson Acoustic
Peavey Amp
Fender Black amp
Hollowbody guitar
Mesa Boogie amp



Alan
04/27/2017
Our top product ranks number 1

john

jane



Emily

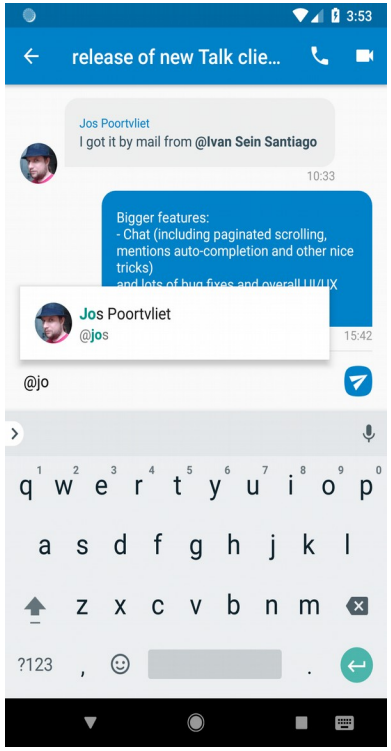
Page	Backlinks
	953
page-1/	30
page-2/	79
page-3/	97
page-4/	285
page-5/	18

Indexed URLs	URLs
	637

earch	Conversions	Signups
	19,155	7,984
Guitar Straps	38	10
Bass Guitar Pick	236	197
Gibson Acoustic	143	90
Marshall Amp	550	391
Les Paul Guitar	90	37

Dashboard Data

Search: Sheet 1 of 2 Standard selection Average: ; Sum: 0 4 users 100%



New conversation ...

Playoffs

Regular Se... 16

N New Orleans Saints 19 minutes ago

Don't want to be the evil guy, but what are @Seattle Seahawks doing in here?

They didn't make it!

P Pittsburgh Steelers 19 minutes ago

Must be a mistake

A Atlanta Falcons 19 minutes ago

Oh come on @National Football League

You can do better

A Atlanta Falcons 16 minutes ago

We worked so hard to get to the playoffs!!111eleven

N National Football League 16 minutes ago

Well this didn't go as planned, so I'm going to remove @Seattle Seahawks in a bit...

Is everyone ready to start the call then?

@Jacksonville Jaguars are still offline it seems?

N National Football League

New message ...

Playoffs

Join call

Share link

Participants

Add participant ...

N National Football League (moderator)

A Atlanta Falcons

N New Orleans Saints

P Pittsburgh Steelers

J Jacksonville Jaguars

S Seattle Seahawks

Promote to moderator

Remove participant

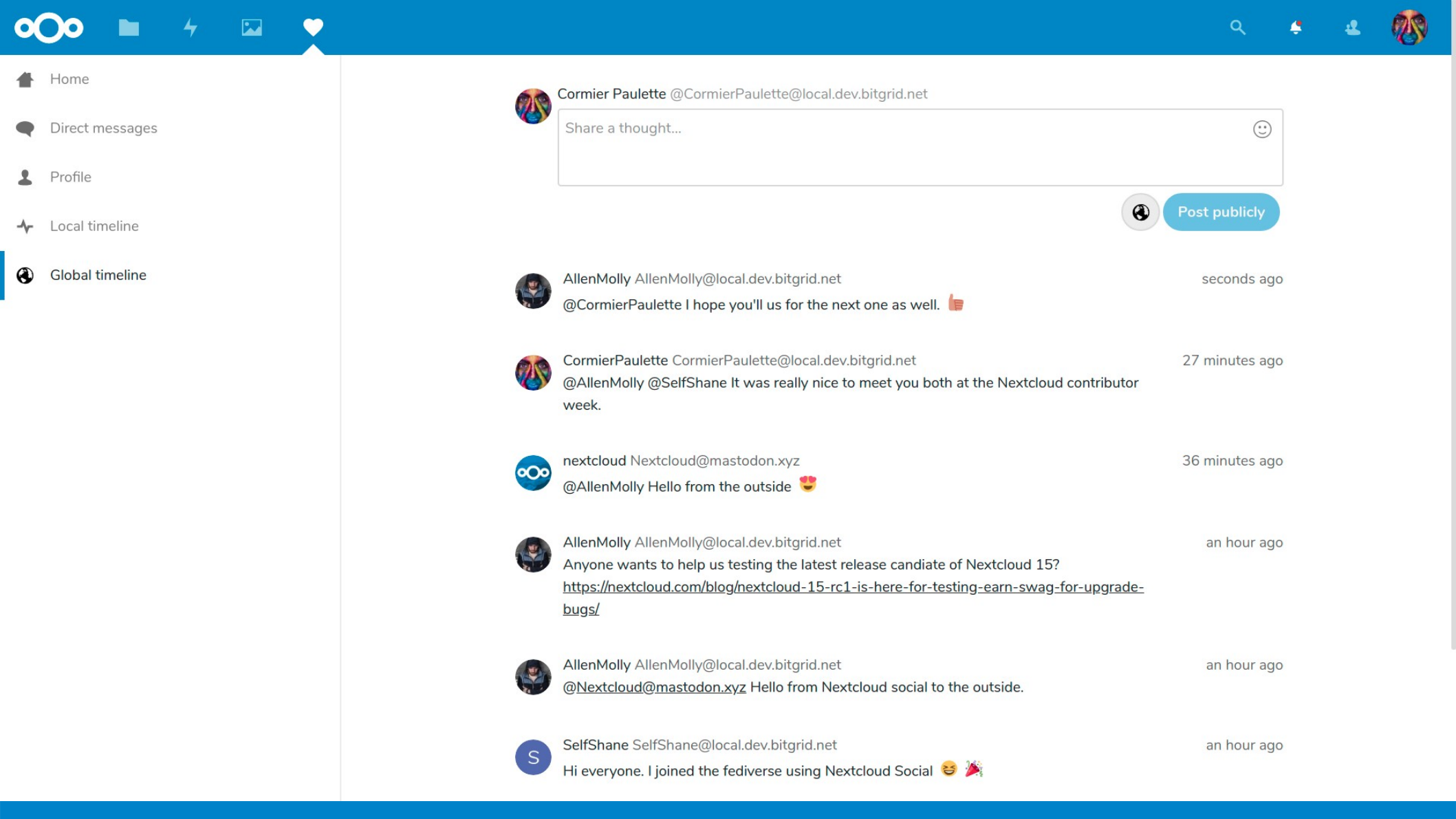
Federation beyond Files

- Federated Calendars
- Federated Address Books
- Federated Chat/Calls

… and much more is possible based on Open Cloud Mesh

Nextcloud Social

(ActivityPub)


Home
Direct messages
Profile
Local timeline
Global timeline
Cormier Paulette @CormierPaulette@local.dev.bitgrid.net
Share a thought...
Post publicly
AllenMolly AllenMolly@local.dev.bitgrid.net
seconds ago
@CormierPaulette I hope you'll us for the next one as well.
CormierPaulette CormierPaulette@local.dev.bitgrid.net
27 minutes ago
@AllenMolly @SelfShane It was really nice to meet you both at the Nextcloud contributor week.
nextcloud Nextcloud@mastodon.xyz
36 minutes ago
@AllenMolly Hello from the outside
AllenMolly AllenMolly@local.dev.bitgrid.net
an hour ago
Anyone wants to help us testing the latest release candiate of Nextcloud 15?
https://nextcloud.com/blog/nextcloud-15-rc1-is-here-for-testing-earn-swag-for-upgrade-bugs/
AllenMolly AllenMolly@local.dev.bitgrid.net
an hour ago
@Nextcloud@mastodon.xyz Hello from Nextcloud social to the outside.
SelfShane SelfShane@local.dev.bitgrid.net
an hour ago
Hi everyone. I joined the fediverse using Nextcloud Social

Nextcloud Social

- Based on ActivityPub
- Compatible with Mastodon, Pleroma, Friendica, Pixelfed
- We want to support the Mastodon client API

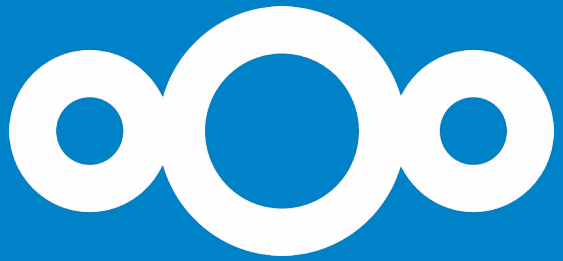
Why?

- Public social network
- Let friends follow your (public) photo gallery
- Internal social network (think about Facebook for business, etc)
- Should be part of a modern collaboration platform

Summary

- 100% Free Software
- File Sync & Share
- Platform for a rich app ecosystem
- Federation as core feature

Join us! (https://nextcloud.com/contribute)



Thanks!

https://nextcloud.com/contribute

K building (level 1)

Björn Schießle www.schiessle.org @schiessle bjoern@mastodon.social